

SK Inc.

Condensed Separate Interim Financial Statements September 30, 2023 (with Independent Auditors' Review Report Thereon)

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KPMG SAMJONG Accounting Corp.

152, Teheran-ro, Gangnam-gu, Seoul 06236 (Yeoksam-dong, Gangnam Finance Center 27th Floor) www.kr.kpmg.com Republic of Korea

Tel +82 (2) 2112 0100 Fax +82 (2) 2112 0101

Independent Auditors' Review Report

Based on a report originally issued in Korean

To the Shareholders and Board of Directors of SK Inc.

Reviewed Financial Statements

We have reviewed the accompanying condensed separate interim financial statements of SK Inc. (the "Company"), expressed in Korean won, which comprise the condensed separate interim statement of financial position as of September 30, 2023, the related condensed separate interim statement of comprehensive income for the threemonth and nine-month periods ended September 30, 2023, and the related condensed separate interim statements of changes in equity and cash flows for the nine-month period ended September 30, 2023, and notes comprising a summary of material accounting policy information and other explanatory information.

Responsibilities of Management for the Interim Financial Statements

Management is responsible for the preparation and fair presentation of these condensed separate interim financial statements in accordance with Korean International Financial Reporting Standard ("K-IFRS") No. 1034 "Interim Financial Reporting", and for such internal control as management determines is necessary to enable the preparation of condensed separate interim financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibilities

Our responsibilities is to express a conclusion on these condensed separate interim financial statements based on our reviews.

We conducted our review in accordance with the Review Standards for Quarterly and Semiannual Financial Statements established by the Securities and Futures Commission of the Republic of Korea. A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Korean Standards on Auditing ("KSAs") and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the accompanying condensed separate interim financial statements referred to above are not presented fairly, in all material respects, in accordance with the K-IFRS No. 1034, "Interim Financial Reporting".

Other matters

The condensed separate interim statement of comprehensive income for the three-month and nine-month periods ended September 30, 2022, and the condensed separate interim statements of changes in equity and cash flows for the nine-month period ended September 30, 2022, presented for comparative purposes, were reviewed by another auditor whose report dated November 14, 2022, stated that nothing has come to their attention that causes them to believe that the condensed separate interim financial information as of September 30, 2022 was not prepared, in all material respects, in accordance with the K-IFRS No. 1034, "Interim Financial Reporting".

Moreover, the separate statement of financial position as of December 31, 2022, the related statement of comprehensive income, changes in equity and cash flows for the year then ended, which are not accompanying this report, were audited by another auditor in accordance with KSAs, whose report thereon dated March 14, 2023, expressed an unqualified opinion. The accompanying separate statement of financial position as of December 31, 2022, presented for comparative purposes, is not different from that audited by another auditor from which it was derived in all material respects.



The procedures and practices utilized in the Republic of Korea to review such condensed separate interim financial statements may differ from those generally accepted and applied in other countries.

The accompanying condensed separate interim financial statements as of September 30, 2023, for the three-month and nine-month periods ended September 30, 2023 and 2022, and the separate statement of financial position as of December 31, 2022 have been translated into United States dollars solely for the convenience of the reader and such translation does not comply with K-IFRS. We have reviewed the translation and nothing came to our attention that cause us to believe that the condensed separate interim financial statements expressed in Korean won have not been translated into dollars on the basis set forth in note 2.1 to the condensed separate interim financial statements.

KPMG Samjory Accounting Corp.

KPMG Samjong Accounting Corp. Seoul, Korea November 14, 2023

This review report is effective as of November 14, 2023, the review report date. Certain subsequent events or circumstances, which may occur between the review report date and the time of reading this review report, could have a material impact on the accompanying condensed separate interim financial statements and notes thereto. Accordingly, the readers of the review report should understand that the above review report has not been updated to reflect the impact of such subsequent events or circumstances, if any.

SK Inc. Condensed separate interim statements of financial position as of September 30, 2023 and December 31, 2022 (Korean won in millions and U.S. dollar in thousands)

			Korea	an w	von		Translation i	nto L te 2)	
	Notes	Se	ptember 30, 2023		December 31, 2022	5	September 30, 2023	ĺ	December 31, 2022
Assets						-			
Current assets:									
Cash and cash equivalents	4,28	₩	236,199	₩	115,840	\$	175,639	\$	86,139
Short-term financial instruments	4,30		99,837		137,146		74,239		101,982
Trade receivables, net	4,5,26,30		639,905		702,463		475,837		522,355
Other receivables, net	4,26,30		7,610		1,391		5,659		1,034
Inventories, net	6		230		172		171		128
Short-term investment securities	4,7,30		10,433		12,846		7,758		9,552
Other current assets	4,17,18,30		469,004		186,618		348,754		138,770
Assets held for sales	27		256,564		260,970		190,782		194,059
Total current assets			1,719,782		1,417,446	_	1,278,839		1,054,019
Non-current assets:									
Long-term other receivables, net	4,26,30		441		-		328		-
Long-term investment securities	4,7,30		981,240		1,047,646		729,655		779,035
Investments in subsidiaries	8		22,227,569		21,396,544		16,528,531		15,910,577
Investments in associates	9		262,596		586,561		195,268		436,170
Property, plant and equipment, net	10		593,172		564,464		441,086		419,738
Right-of-use asset, net	11		120,091		141,625		89,300		105,313
Investment properties, net	12		62,345		60,385		46,360		44,903
Intangible assets, net	13		2,146,712		2,170,102		1,596,306		1,613,699
Defined benefit assets	16		26,157		64,200		19,450		47,739
Other non-current assets	4,17,18,30		1,022,214		1,002,275		760,123		745,297
Total non-current assets			27,442,537		27,033,802	-	20,406,407		20,102,471
Total assets		₩	29,162,319	₩		\$	21,685,246	\$	21,156,490
Liabilities and equity									
Liabilities									
Current liabilities:									
Short-term borrowings	4,14,30	₩	3,338,440	₩	3,774,050	\$	2,482,481	\$	2,806,402
Trade payables	4,26,30		85,573		127,074		63,633		94,493
Other payables	4,26,30		58,902		119,295		43,800		88,708
Accrued expenses	4,30		183,937		130,863		136,776		97,310
Provisions	15		4,807		3,894		3,575		2,896
Current portion of long-term debt	4,14,30		1,254,258		1,214,551		932,673		903,146
Other current liabilities	4,11,17,18,26,30		412,044		269,996		306,398		200,770
Total current liabilities			5,337,961		5,639,723		3,969,336		4,193,725
Non-current liabilities:									
Bonds and long-term borrowings	4,14,30		6,429,486		5,885,469		4,780,998		4,376,464
Deferred tax liabilities	24		211,579		266,466		157,331		198,145
Provisions	15		30,026		30,026		22,327		22,327
Other non-current liabilities	4,11,17,18,26,30		702,846		741,765		522,639		551,580
Total non-current liabilities			7,373,937		6,923,726	-	5,483,295		5,148,516
Total liabilities			12,711,898		12,563,449		9,452,631		9,342,241
Equity									
Share capital	1,19		16,143		16,143		12,004		12,004
Other paid-in capital	19		3,256,868		3,151,633		2,421,823		2,343,570
Retained earnings	19		12,947,139		12,514,748		9,627,557		9,306,031
Other components of equity	19		230,271		205,275		171,231		152,644
Total equity	10		16,450,421		15,887,799		12,232,615		11,814,249
Total liabilities and equity		₩	29,162,319	₩	28,451,248	\$	21,685,246	\$	21,156,490

See accompanying notes to the condensed separate interim financial statements.

SK Inc. Condensed separate interim statements of comprehensive income for the three-month and nine-month periods ended September 30, 2023 and 2022 (Korean won in millions, except earnings per share)

					Korea	in won	n		
			Septembe	er 30,	2023		Septembe	er 30,	2022
	Notes	Thr	ee-month	Ň	ine-month	Th	ree-month	Ň	ine-month
Operating revenue Operating expenses	20,26 21,22,26	₩	765,710 573,320	₩	3,197,574 1,775,016	₩	643,561 559,750	₩	2,338,022 1,584,021
Operating profit			192,390		1,422,558		83,811		754,001
Finance income Finance costs Other non-operating income Other non-operating expenses	23 23 23 23		101,248 220,820 3,953 41,109		178,804 542,934 21,751 288,479		131,111 111,525 219 7,368		230,804 715,720 398,359 12,238
Profit before income tax expense			35,662		791,700		96,248		655,206
Income tax expense (benefit)	24		(2,066)		(27,224)		12,469		1,669
Profit for the period		₩	37,728	₩	818,924	₩	83,779	₩	653,537
Other comprehensive income (loss): Items that will not be reclassified subsequently to profit or loss (net of tax):									
Remeasurements of the net defined benefit plans Gain (loss) on valuation of financial assets measured	16		10,674		(7,088)		15,643		33,506
at FVOCI	4		(4,333)		24,996		(2,837)		(10,716)
			6,341		17,908		12,806		22,790
Total comprehensive income for the period		₩	44,069	₩	836,832	₩	96,585	₩	676,327
Earnings per share (Korean won): Basic earnings per ordinary share Basic earnings per preferred share Diluted earnings per ordinary share	25	₩	665 715 652	₩	14,524 14,574 14,397	₩	1,478 1,528 1,342	₩	11,531 11,581 11,411

SK Inc. Condensed separate interim statements of comprehensive income for the three-month and nine-month periods ended September 30, 2023 and 2022 (cont'd) (U.S. dollar in thousands, except earnings per share)

				Trar	nslation into L	J.S. do	ollar (Note 2)		
			Septembe	er 30,	2023		Septembe	er 30,	2022
-	Notes	Thr	ee-month	Ň	ine-month	Th	ree-month	Ň	ine-month
Operating revenue Operating expenses	20,26 21,22,26	\$	569,386 426,324	\$	2,377,732 1,319,911	\$	478,555 416,233	\$	1,738,565 1,177,886
Operating profit			143,062		1,057,821		62,322		560,679
Finance income Finance costs Other non-operating income Other non-operating expenses	23 23 23 23		75,289 164,203 2,939 30,569		132,960 403,728 16,174 214,514		97,495 82,931 163 5,480		171,627 532,213 296,222 9,099
Profit before income tax expense			26,518		588,713		71,569		487,216
Income tax expense (benefit)	24		(1,536)		(20,244)		9,272	. <u> </u>	1,241
Profit for the period		\$	28,054	\$	608,957	\$	62,297	<u>\$</u>	485,975
Other comprehensive income (loss): Items that will not be reclassified subsequently to profit or loss (net of tax):									
Remeasurements of the net defined benefit plans Gain (loss) on valuation of financial assets measured	16 I		7,937		(5,271)		11,632		24,915
at FVOCI	4		(3,222)		18,587		(2,109)		(7,968)
			4,715		13,316		9,523		16,947
Total comprehensive income for the period		\$	32,769	\$	622,273	\$	71,820	\$	502,922
Earnings per share (U.S. dollar): Basic earnings per ordinary share Basic earnings per preferred share Diluted earnings per ordinary share	25	\$	0.49 0.53 0.48	\$	10.80 10.84 10.71	\$	1.10 1.14 1.00	\$	8.57 8.61 8.49

See accompanying notes to the condensed separate interim financial statements.

SK Inc. Condensed separate interim statements of changes in equity for the nine-month periods ended September 30, 2023 and 2022 (Korean won in millions)

							Othe	Other components of	
		Share capital	Other pa	Other paid-in capital	Retai	Retained earnings		equity	Total equity
As of January 1, 2022	₩	16,143	AA AA	3,354,711	W	12,406,200	₩	13,052 W	15,790,106
Total comprehensive income for the period:									
Profit for the period		•		•		653,537			653,537
Remeasurements of the net defined benefit plans						33,506			33,506
Loss on valuation of financial assets measured at FVOCI		•				•		(10,716)	(10,716)
Transactions with owners:									
Dividends		•				(453,321)			(453,321)
Granting of stock options		•		193		•			193
Exercising of stock options and change of settlement		•		(26,247)		'			(26,247)
Acquisition and disposal of treasury stocks		•		(18,810)		'			(18,810)
As of September 30, 2022	₩	16,143	₩	3,309,847	₩	12,639,922	₩	2,336 W	15,968,248
As of January 1, 2023	₩	16,143	¥	3,151,633	¥	12,514,748	Ŵ	205,275 W	15,887,799
Total comprehensive income for the period:									
Profit for the period		•				818,924			818,924
Remeasurements of the net defined benefit plans		•		•		(7,088)		•	(7,088)
Gain on valuation of financial assets measured at FVOCI		•		•		•		24,996	24,996
Transactions with owners:									
Dividends		•		•		(278,764)			(278,764)
Disposal of treasury stocks		•		4,554		'			4,554
Retirement of treasury stocks		•		100,681		(100,681)			•
As of September 30, 2023	≱	16,143	₩.	3,256,868	₩	12,947,139	₩	230,271 W	16,450,421

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(Continued)

SK Inc. Condensed separate interim statements of changes in equity for the nine-month periods ended September 30, 2023 and 2022 (cont'd) (U.S. dollar in thousands)

							Other c	Other components of	
		Share capital	Oth	Other paid-in capital	Retaine	Retained earnings		equity	Total equity
As of January 1, 2022	φ	12,004	÷	2,494,580	÷	9,225,312	÷	9,706 \$	11,741,602
Total comprehensive income for the period:									
Profit for the period		•		•		485,975			485,975
Remeasurements of the net defined benefit plans		•		•		24,915			24,915
Loss on valuation of financial assets measured at FVOCI				•		•		(7,968)	(7,968)
Transactions with owners:									
Dividends		•		•		(337,092)			(337,092)
Granting of stock options		•		144					144
Exercising of stock options and change of settlement		•		(19,518)		•			(19,518)
Acquisition and disposal of treasury stocks		•		(13,987)		•			(13,987)
As of September 30, 2022	θ	12,004	θ	2,461,219	÷	9,399,110	÷	1,738 \$	11,874,071
	+				ŧ				
As of January 1, 2023	9	12,004	æ	2,343,570	У	9,306,031	У	152,644 \$	11,814,249
Total comprehensive income for the period:									
Profit for the period		•		•		608,957			608,957
Remeasurements of the net defined benefit plans		•		•		(5,271)		•	(5,271)
Gain on valuation of financial assets measured at FVOCI		•		•		•		18,587	18,587
Transactions with owners:									
Dividends		•		•		(207,291)			(207,291)
Disposal of treasury stocks		•		3,386		•			3,386
Retirement of treasury stocks		•		74,867		(74,867)			•
As of September 30, 2023	ŝ	12,004	÷	2,421,823	\$	9,627,557	\$	171,231 \$	12,232,615

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See accompanying notes to the condensed separate interim financial statements.

SK Inc. Condensed separate interim statements of cash flows for the nine-month periods ended September 30, 2023 and 2022 (Korean won in millions and U.S. dollar in thousands)

			For th	ne nir	e-month perio	ods e	ended Septem	ber 3	0
							Translation in		.S. dollar
	Natas		Korea 2023	in wo	n 2022		(No 2023	te 2)	2022
Cash flows from operating activities:	Notes		2023		2022		2023		2022
Profit for the period		₩	818,924	117	653,537	¢	608,957	¢	485,975
Non-cash adjustments	28	vv	(604,732)	vv	(487,844)	φ	(449,682)	φ	(362,763)
Working capital adjustments	28		99.182		(39,552)		73.752		(29,411)
Interest received	20		10,121		(39,332) 7,847		7,526		5,835
							,		
Interest paid			(245,233)		(185,407)		(182,356)		(137,870)
Dividends received			1,234,317		704,703		917,844		524,021
Income taxes paid			(9,541)		(400,926)		(7,095)		(298,131)
Net cash provided by operating activities			1,303,038		252,358		968,946		187,656
Cash flows from investing activities:									
Decrease (increase) in short-term financial instruments, net			37,309		(7,090)		27,743		(5,272)
Decrease (increase) in short-term loans, net			(158,990)		(261)		(118,226)		(194)
Increase in long-term financial instruments			(916)		-		(681)		-
Decrease (increase) in long-term loans, net			(23)		-		(17)		-
Proceeds from disposal of long-term investment securities			89,747		-		66,736		-
Proceeds from disposal of investments in subsidiaries			23,065		3,537		17,151		2,630
Proceeds from disposal of investments in associates			14,158		673		10,528		500
Proceeds from disposal of property, plant and equipment			392		4		291		3
Proceeds from disposal of intangible assets			486		1,801		361		1,339
Acquisition of long-term investment securities			(13,652)		(55,919)		(10,152)		(41,582)
Acquisition of investments in subsidiaries			(855,378)		(788,669)		(636,063)		(586,458)
Acquisition of investments in associates			(10,711)		(12,712)		(7,965)		(9,453)
Acquisition of property, plant and equipment			(79,763)		(97,497)		(59,312)		(72,499)
Acquisition of intangible assets			(22,364)		(44,090)		(16,630)		(32,786)
Increase in guarantee deposits			(1,110)		(8,269)		(825)		(6,149)
Decrease in guarantee deposits			2,600		1,346		1,933		1,001
Net cash used in investing activities			(975,150)	. <u> </u>	(1,007,146)		(725,128)		(748,920)
Cash flows from financing activities:									
Increase (decrease) in short-term borrowings, net			(458,860)		1,236,080		(341,211)		919,155
Increase in bonds and long-term borrowings			1,694,481		1,105,558		1,260,025		822,098
Payment of dividends			(278,764)		(453,321)		(207,290)		(337,092)
Repayment of current portion of long-term debt			(1,115,000)		(880,000)		(829,120)		(654,372)
Decrease in lease liabilities			(51,487)		(46,984)		(38,286)		(34,938)
Acquisition and disposal of treasury stocks			2,263		(19,542)		1,683		(14,532)
Net cash provided by (used in) financing activities			(207,367)		941,791		(154,199)		700,319
Net increase in cash and cash equivalents			120,521		187,003		89,619		139,055
Net foreign exchange effects			(162)		904		(119)		672
Cash and cash equivalents at the beginning of the period			115,840		70,011		86,139		52,061
Cash and cash equivalents at the end of the period		₩	236,199	₩	257,918	\$	175,639	\$	191,788

See accompanying notes to the condensed separate interim financial statements.

1. Corporate information

SK Inc. (the "Company", formerly, SK Holdings Co., Ltd.) was established on April 13, 1991, and has been engaged in providing systems integration, software design and development, information processing and consulting services, and is headquartered at 26, Jong-ro, Jongno-gu, Seoul. The Company's ordinary shares have been listed on the Korea Exchange since November 11, 2009.

Upon the acquisition of SK Inc. by SK C&C Co., Ltd. effective on August 1, 2015, the Company added the investment business to its existing operations for the purpose of holding the securities of its subsidiaries. Furthermore, the Company changed its name to its current form as of the acquisition date.

As of September 30, 2023, the share capital of the Company amounts to W16,143 million (including W113 million of preferred shares). Major shareholders and their equity ownership are Tae-won Chey, National Pension Service and Ki-won Choi, each holding 17.73%, 6.78% and 6.58% respectively, as of September 30, 2023.

2. Summary of basis of preparation and material accounting policy information

2.1 Basis of preparation

The Company prepares statutory condensed separate interim financial statements in the Korean language in accordance with Korean International Financial Reporting Standards ("K-IFRS"), No. 1034 *Interim Financial Reporting* enacted by the Act on External Audit of Stock Companies. The accompanying condensed separate interim financial statements have been translated into English from the Korean language financial statements. In the event of any differences in interpreting the financial statements or the independent auditor's review report thereon, the Korean version, which used for regulatory reporting purposes, shall prevail.

The condensed separate interim financial statements do not include all the information and disclosures required in the annual financial statements and should be read in conjunction with the Company's annual financial statements as of December 31, 2022.

The accompanying condensed separate interim financial statements are stated in Korean won, the currency of the country in which the Company is incorporated and operates. The translation of Korean won amounts into U.S. dollar amounts is included solely for the convenience of readers of the condensed separate interim financial statements and has been made at the rate of W1,344.80 to USD 1.00, the basic exchange rate in the Seoul Money Brokerage Service for cable transfers in Korean won on the last business day of the nine-month period ended September, 30, 2023. Such translations into U.S. dollar should not be construed as representations that the Korean won amounts could be converted into U.S. dollar at that or any other rate.

Pursuant to K-IFRS No. 1027, the condensed separate interim financial statements are accounted for, by parent, investor in an associate or a joint venture on the basis of the direct equity interest rather than on the basis of the reported results and net assets of the investees.

2. Summary of basis of preparation and material accounting policy information (cont'd)

2.2 Material accounting policy information

The material accounting policy information adopted in the preparation of the condensed separate interim financial statements are consistent with those followed in the preparation of the Company's annual separate financial statements for the year ended December 31, 2022, except for the adoption of new standards and interpretations effective as of January 1, 2023.

2.2.1 New and amended standards and interpretations

The Company has applied amendments to K-IFRS issued that are mandatorily effective for accounting periods beginning on or after January 1, 2023.

Amendments to K-IFRS No. 1001 Presentation of Financial Statements

The amendments aim to help entities provide accounting policy disclosures that are more useful by replacing the requirement for entities to disclose their 'significant' accounting policies with a requirement to disclose their 'material' accounting policy information and adding guidance on how entities apply the concept of materiality in making decisions about accounting policy disclosures. The amendments do not have any significant impact on the Company's financial position or management performance.

Amendments to K-IFRS No. 1001 Presentation of Financial Statements

The amendments required disclosure of the carrying amount of a financial liability and gains and losses in relation thereto if all or part of the instrument is classified as a financial liability under which the exercise price is adjusted according to changes in the issuer's stock price. The amendments do not have any significant impact on the Company's financial position or management performance.

Amendments to K-IFRS No. 1008 Accounting Policies, Changes in Accounting Estimates and Errors

The amendments clarify the distinction between changes in accounting estimates and changes in accounting policies and the correction of errors. Also, they clarify how entities use measurement techniques and inputs to develop accounting estimates. The amendments do not have any significant impact on the Company's financial position or management performance.

Amendments to K-IFRS No. 1012 Income Taxes

The amendments require companies to recognize deferred tax on particular transactions that, on initial recognition, give rise to equal amounts of taxable and deductible temporary Paragraphs 15 and 24 of K-IFRS No. 1012 were amended to include an additional condition where the initial recognition exemption is not applied. According to the amended guidance, a temporary difference that arises on initial recognition of an asset or liability is not subject to the initial recognition exemption if that transaction gave rise to equal amounts of taxable and deductible temporary differences. The amendments do not have any significant impact on the Company's financial position or management performance.

2. Summary of basis of preparation and material accounting policy information (cont'd)

2.2.2 New and revised K-IFRSs issued, but not yet effective

Amendments to K-IFRS No. 1001 Presentation of Financial Statements

The amendments affect only the presentation of liabilities in the statement of financial position and clarify that the classification of liabilities as current or non-current should be based on rights that are in existence at the end of the reporting period and clarify that classification is unaffected by expectations about whether an entity will exercise its right to defer settlement of a liability. The amendments explain that the right exists if the borrowing arrangement is complied with at the end of the reporting period and clarify that settlement refers to the transfer of cash, equity instruments, other assets or services to the counterparty. The Company plans to apply the standard for annual reporting period beginning on or after January 1, 2024, with early application permitted.

The Company is reviewing the possible effects of the above listed amendments on the separate financial statements.

3. Significant accounting judgements, estimates and assumptions

When preparing the condensed separate interim financial statements, management is required to make judgments, estimates and assumptions that affect the reported amount of assets, liabilities, revenues and expenses. Actual results may be different from those estimates.

Those accounting judgments made by management in the preparation of the condensed separate interim financial statements for the nine-month period ended September 30, 2023 are consistent with those followed in the preparation of the separate financial statements for the year ended December 31, 2022.

4. Financial instruments

4.1 Financial assets

Details of financial assets as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		September 30	0, 2023	
	Financial assets	Financial assets	Financial assets	
	measured	measured	measured at	
	at FVTPL	at FVOCI	amortized cost	Total
Current assets:				
Cash and cash equivalents	₩ 203,358	₩ -	₩ 32,841	₩ 236,199
Short-term financial instruments	64,937	-	34,900	99,837
Trade receivables (*1)	-	-	343,385	343,385
Short-term investment securities	10,433	-	-	10,433
Other receivables	-	-	7,610	7,610
Short-term loans	-	-	161,412	161,412
Accrued income	-	-	7,180	7,180
Guarantee deposits	-	-	2,436	2,436
Lease receivables	-	-	35,508	35,508
Derivative financial assets	82,879		<u> </u>	82,879
	361,607		625,272	986,879
Non-current assets:				
Long-term financial instruments	-	-	1,186	1,186
Long-term investment securities	401,498	579,369	373	981,240
Long-term receivables	-	-	441	441
Long-term loans	-	-	522,670	522,670
Long-term guarantee deposits	-	-	49,660	49,660
Long-term lease receivables		-	239,981	239,981
Derivative financial assets	208,590			208,590
	610,088		814,311	2,003,768
	₩ 971,695	₩ 579,369	₩ 1,439,583	₩ 2,990,647

(*1) Contract assets (unbilled receivables) amounting to ₩296,520 million as of September 30, 2023 are not included in the financial instruments.

4.1 Financial assets (cont'd)

				December 31	, 2022			
	Fi	nancial assets	Fi	nancial assets	Financ	ial assets		
		measured		measured	meas	ured at		
		at FVTPL		at FVOCI	amorti	zed cost		Total
Current assets:								
Cash and cash equivalents	₩	76,996	₩	-	₩	38,844 ∛	¥	115,840
Short-term financial instruments		107,246		-		29,900		137,146
Trade receivables (*1)		-		-		527,250		527,250
Short-term investment securities		12,846		-		-		12,846
Other receivables		-		-		1,391		1,391
Short-term loans		-		-		52		52
Accrued income		-		-		244		244
Guarantee deposits		-		-		3,992		3,992
Lease receivables		-		-		35,390		35,390
Derivative financial assets		9,621		-				9,621
		206,709		-		637,063		843,772
Non-current assets:								
Long-term financial instruments		-		-		270		270
Long-term investment securities		413,030		634,270		346		1,047,646
Long-term loans		-		-		492,643		492,643
Long-term guarantee deposits		-		-		49,077		49,077
Long-term lease receivables		-		-		251,568		251,568
Derivative financial assets		208,590				<u> </u>		208,590
		621,620		<u>634,270</u>		793,904		2,049,794
	₩	828,329	₩	634,270	₩	<u>1,430,967</u>	₩	2,893,566

(*1) Contract assets (unbilled receivables) amounting to ₩175,213 million as of December 31, 2022 are not included in the financial instruments.

4.2 Financial liabilities

Details of financial liabilities as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		September 30, 2023	
	Financial liabilities measured at FVTPL	Other financial liabilities	Total
Current liabilities:			
Short-term borrowings	₩ -	₩ 3,338,440	₩ 3,338,440
Trade payables	-	85,573	85,573
Other payables (*1)	-	57,172	57,172
Accrued expenses (*1)	-	59,477	59,477
Dividends payable	-	178	178
Current portion of	-	1,254,258	1,254,258
long-term debt			
Leasehold deposits received	-	544	544
Lease liabilities	-	88,215	88,215
Derivative financial liabilities	37,661		37,661
	37,661	4,883,857	4,921,518
Non-current liabilities:			
Bonds and long-term borrowing	gs -	6,429,486	6,429,486
Long-term Leasehold deposits received	-	24,038	24,038
Long-term lease liabilities	-	296,797	296,797
Derivative financial liabilities	372,807		372,807
	372,807	6,750,321	7,123,128
	₩ 410,468	₩ 11,634,178	₩ 12,044,646

(*1) The amount of accrued liabilities under the employee benefit system was excluded as it is not subject to financial product disclosure.

			D	ecember 31, 2022		
		ancial liabilities sured at FVTPL	Otl	her financial liabilities		Total
Current liabilities:						
Short-term borrowings	₩	-	₩	3,774,050	₩	3,774,050
Trade payables		-		127,074		127,074
Other payables		-		119,295		119,295
Accrued expenses		-		130,863		130,863
Dividends payable		-		171		171
Current portion of		-		1,214,551		1,214,551
long-term debt						
Leasehold deposits received		-		244		244
Lease liabilities		-		77,750		77,750
Derivative financial liabilities		6,093		-		6,093
		6,093		5,443,998		5,450,091
Non-current liabilities:						
Bonds and long-term borrowing	gs	-		5,885,469		5,885,469
Long-term Leasehold		-		23,609		23,609
deposits received						
Long-term lease liabilities		-		337,610		337,610
Derivative financial liabilities		372,807		-		372,807
		372,807		6,246,688		6,619,495
	₩	378,900	₩	11,690,686	₩	12,069,586

4.3 Fair values of financial instruments by hierarchy level

1) The Company categorized financial instruments measured at fair value based on the inputs to measure the fair value. The level of hierarchy of fair value is as follows:

- Level 1: inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date;
- Level 2: inputs are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3: inputs are unobservable inputs for the asset or liability

2) Details of fair value of financial instruments by hierarchy level as of September 30, 2023 and December 31, 2022 are as follows (Korean Won in millions):

				S	epte	mber 30, 2023				
		Book value		Level 1		Level 2		Level 3		Total
Financial assets measured at fair value:										
Financial assets measured at FVTPL	₩	680,226	₩	200,514	₩	268,295	₩	211,417	₩	680,226
Financial assets measured at FVOCI		579,369		10,613		-		568,756		579,369
Derivative financial assets		291,469		-		82,879		208,590		291,469
	₩	1,551,064	₩	211,127	₩	351,174	₩	988,763	₩	1,551,064
Financial liabilities measured at fair value:										
Derivative financial liabilities	₩	410,468	₩	-	₩	37,661	₩	372,807	₩	410,468
				[)ece	mber 31, 2022				
		Book value		Level 1		Level 2		Level 3		Total
Financial assets measured at fair value:										
Financial assets measure at FVTPL	₩	610,118	₩	224,384	₩	184,242	₩	201,492	₩	610,118
Financial assets measured at FVOCI		634,270		3,314		-		630,956		634,270
Derivative financial assets		218,211				9,621		208,590		218,211
	₩	1,462,599	₩	227,698	₩	<u> 193,863</u>	₩	1,041,038	₩	1,462,599
Financial liabilities measured at fair value:										
Derivative financial liabilities	₩	378,900	₩	-	₩	6,093	₩	372,807	₩	378,900

The Company recognizes the movement between hierarchy levels at the end of the reporting period where changes in events and situations result in movement between the hierarchy levels. No significant change between hierarchy levels 1 and 2 occurred during the period ended September 30, 2023.

4.3 Fair values of financial instruments by hierarchy level (cont'd)

Changes in Level 3 financial assets for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		For the nine-month period ended September 30, 2023									
		Beginning balance	Acquisition		Disposal	Valuation	Tra	ansfer(*1)	Ending balance		
Financial assets measured at FVTPL	₩	201,492	₩ 13,619	₩	(1,314) ₩	(382)	₩	(1,998) ₩	211,417		
Financial assets measured at FVOCI		630,956	33		-	32,956		(95,189)	568,756		
Derivative financial assets		208,590				-			208,590		
	₩	1,041,038	₩ 13,652	₩	<u>(1,314)</u> ₩	32,574	₩	<u>(97,187)</u> ₩	988,763		

(*1) During the nine-month period ended September 30, 2023, Turo Inc. \$88,880 million was transferred to assets held for sales, and Team Blackbird. Inc was transferred to investments in Associates, and GI Innovation Inc. \$5,672 million was listed, and KG Mobility Inc. \$637 million was decided to remain listed and transferred to Level 1.

		For the nine-month period ended September 30, 2022										
		Beginning balance		Acquisition		Valuation		Transfer	Ending balance			
Financial assets measured at FVTPL	₩	452,395	₩	45,414	₩	11,173	₩	(46,498)	462,484			
Financial assets measured at FVOCI		315,433		10,506		-		-	325,939			
Derivative financial assets		193,310		-		(6,522)			186,788			
	₩	961,138	₩	55,920	₩	4,651	₩	<u>(46,498)</u> ₩	975,211			

5. Trade receivables

Details of trade receivables as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Septer	mber 30, 2023	Decerr	nber 31, 2022
Trade receivables:				
Trade receivables	\mathbb{W}	343,985	₩	527,850
Contract assets (unbilled receivables)		296,520		175,213
		640,505		703,063
Allowance for doubtful accounts:				
Trade receivables		<u>(600)</u>		<u>(600</u>)
	₩	639,905	₩	702,463

6. Inventories

Details of inventories as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		Se	ptember 30,	2023		December 31, 2022					
			Valuation			Valuation					
		Cost	allowance	Book	value		Cost	allowance	Book	value	
Raw materials	₩	230	₩ -	₩	230	₩	172	₩ -	₩	172	

7. Investment securities

(1) Details of investment securities as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Septembe	er 30, 2023	December 31, 2022				
	Acquisition cost	Book value	Acquisition cost	Book value			
Financial assets measured at FVTPL:			·				
Equity instruments (*1)	₩ 637,882	₩ 205,491	₩ 632,462	₩ 224,384			
Debt securities	336,995	126,265	336,995	126,265			
Money invested and others	66,104	80,175	61,218	75,227			
	1,040,981	411,931	1,030,675	425,876			
Financial assets measured at FVOCI:	320.733	570 360	355.148	634.270			
Equity instruments (*2) Financial assets measured at amortized cost:	520,755	579,369	555,146	034,270			
Debt securities	250	373	250	346			
	₩ 1,361,964	₩ 991,673	₩ 1,386,073	₩ 1,060,492			

(*1) They consist of GRAB Holdings Ltd. and SES AI Corporation and other.

(*2) The Company applied the irrevocable option to designate the equity instruments held for strategic investment, not for held-for-trading purpose, as financial assets measured at FVOCI.

7. Investment securities (cont'd)

(2) Details of investment securities as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	_	Septemb	, 2023	December 31, 2022				
	Acc	quisition cost	Bo	ook value	Acq	uisition cost	Book value	
Marketable equity instruments	₩	570,078	₩	211,127	₩	559,354	₩	227,697
Non-marketable equity instruments		388,537		573,733		428,256		630,957
Debt securities		337,245		126,638		337,245		126,611
Money invested and others		66,104		80,175		61,218		75,227
	₩	1,361,964	₩	<u>991,673</u>	₩	1,386,073	₩	1,060,492

(3) Changes in investment securities for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	For the nine-month period ended								
	Septe	ember 30, 2023	Septemb	er 30, 2022					
Beginning balance	₩	1,060,492	₩	934,091					
Acquisitions		13,652		55,919					
Valuation and amortization		9,722		(278,616)					
Disposals		(1,314)		-					
Transfer (*1)		(90,879)		413,824					
Ending balance	₩	991,673	₩	1,125,218					

(*1)During the nine-month period ended September 30, 2023, Turo Inc. was transferred to assets held for sales and disposed of in all, and Team Blackbird. Inc was transferred to investments in associates.

8. Investments in subsidiaries

(1) Details of investments in subsidiaries as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

SK Innovation Co., Ltd. (*2, 7) Schware Equity Constraint Book value W 3,072,93 Stasset Stasset <t< th=""><th></th><th>13).</th><th></th><th>:</th><th>September 30, 2</th><th>2023</th><th>December 31, 2022</th></t<>		13).		:	September 30, 2	2023	December 31, 2022
Domicile Dusiness activity (%) (1) cost Book value Book value SK Innovation Co., Ltd. (*2) Korea Mobile 30.01 2,929,877 2,929,873 2,486,149			Principal	Equity	•		
Sk Telecom Co., Ltd. (*2) Korea Mobile 30.01 2.929,870 2.920,870 2.920,870		Domicile	•			Book value	Book value
SK Square Co., Ltd. (*2)KoreaInvestment30.012.486,1492.486,	SK Innovation Co., Ltd. (*2, 7)	Korea	Resource development	34.45	₩ 3,466,879	₩ 3,466,879	₩ 3,072,937
SK Networks Co., Ltd. (*2) Korea Trading and distribution 41.20 706,229 706,226 706,226 706,230 Staf,500	SK Telecom Co., Ltd. (*2)	Korea		30.01	2,929,870	2,929,870	2,929,870
SKC Co., Ltd. (*2) Korea Manufacture of other chemical products 40.64 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,654 548,300 545,300 545,300 545,300 545,300 545,300 545,300 545,300 545,300 545,300 545,300 545,300 562,606 622,606 622,606 622,606 622,606 622,606 622,606 600,467 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2,486,149</td>							2,486,149
other chemical productsSK E&S Co., Ltd.KoreaCity gas business2,600,0002,600,0002,600,000SK Coplant Co., Ltd.KoreaConstruction44.48545,300545,300SK Siltron Co., Ltd.KoreaKoreaSpecial-gas100.00600,467600,467SK Specialty Co., Ltd.KoreaSpecial-gas100.00600,467600,467600,467SK REIT Co., Ltd. (*2)KoreaReal estate development42.99423,691423,691423,691SK Biopharmaceuticals Co., Ltd.KoreaKoreaCondominiums/100.00336,926369,226369,226SK Signet Inc. (*3)KoreaManufacturing of notors generators, and electrical conversion devices-293,236293,236293,236SK Materials Airplus Incorporated. (*4)KoreaSemiconductor98.59150,919150,919150,919SK Tri Chem Co., Ltd.KoreaKoreaSemiconductor98.59150,919150,919150,919SK Materials G14 Co., Ltd.KoreaSemiconductor98.59150,919150,919150,915SK materials G14 Co., Ltd.KoreaSemiconductor75.0062,69262,69262,692SK Forest Co., Ltd.KoreaSemiconductor100.0051,38761,38761,387SK Materials G14 Co., Ltd.KoreaSemiconductor100.0061,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor100.006					,	,	706,229
SK Ecoplant Co., Ltd. (*2)KoreaConstruction44.48545,300545,300545,300SK Siltron Co., Ltd.KoreaManufacturing and sales51.00622,606622,606622,606SK Specialty Co., Ltd.KoreaKoreaSpecial-gas100.00600,467600,467600,467SK REIT Co., Ltd. (*2)KoreaKoreaReal estate development and trading42.99423,691423,691423,691SK Biopharmaceuticals Co., Ltd.KoreaKoreaKoreaCondominiums/ resort business100.00335,912335,912335,912SK Signet Inc. (*3)KoreaKoreaManufacturing of motors generators, and electrical conversion devices-293,236293,236293,236SK Dwertech Co., Ltd.KoreaKoreaManufacturing of motors generators, and electrical conversion devicesSK Tri Chem Co., Ltd.KoreaKoreaSemiconductor98.59150,919150,919150,919SK Tri Chem Co., Ltd.KoreaKoreaDevelopment of precursor productsSK Materials G14 Co., Ltd.KoreaKoreaSemiconductor75.0062,69262,69262,69262,692SK Forest Co., Ltd.KoreaLandscape construction and sales100.0061,38761,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor75.0062,69262,69262,69262,692S			other chemical products				
SK Siltron Co., Ltd.KoreaManufacturing and sales of silicon thin sheet51.00622,606622,606622,606622,606SK Specialty Co., Ltd.KoreaSpecial-gas100.00600,467600,467600,467SK Biopharmaceuticals Co., Ltd.KoreaReal estate development42.99423,691423,691423,691SK Biopharmaceuticals Co., Ltd.KoreaMedicine and life science64.02369,226369,226369,226Hweechan Co., Ltd.KoreaMedicine and life science64.02369,226369,226369,226SK Signet Inc. (*3)KoreaManufacturing of motors generators, and electrical conversion devices293,236293,236293,236SK Materials Airplus Incorporated. (*4)KoreaSemiconductor98.59150,919150,919150,919SK Tri Chem Co., Ltd.KoreaSemiconductor98.59150,919150,919150,919SK Materials Renewtech Co., Ltd. (*4)KoreaAcetylene and other Industries gas production74,01SK Forest Co., Ltd.KoreaSemiconductor75.0062,69262,69262,69262,692SK Materials Performance Co., Ltd.KoreaSemiconductor100.0061,38761,38761,387SK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,150SK Materials JNC Co., Ltd.KoreaGemiconductor51.0020,28720,28720,287					,,	, ,	2,600,000
SK Specialty Co., Ltd.KoreaSpecial-gas manufacturing and sales100.00600,467600,467600,467SK REIT Co., Ltd. (*2)KoreaReal estate development and trading42.99423,691423,691423,691423,691SK Biopharmaceuticals Co., Ltd.KoreaMedicine and life science64.02369,226369,226369,226Hweechan Co., Ltd.KoreaCondominiums/ resort business100.00335,912335,912335,912SK Signet Inc. (*3)KoreaManufacturing of motors generators, and electrical conversion devices-293,236293,236293,236SK Materials Airplus Incorporated. (*4)KoreaManufacture and sale100.00339,588339,588265,57SK powertech Co., Ltd.KoreaSemiconductor98,59150,919150,919150,919SK Tri Chem Co., Ltd.KoreaSemiconductor98,59102,505102,505102,505SK Materials Renewtech Co., Ltd. (*4)KoreaAcetylene and other and salesSK materials G14 Co., Ltd.KoreaSemiconductor75.0062,69262,69262,69262,692SK Resonac Co., Ltd.KoreaSemiconductor industrial photosensitive agent manufacturing and sales100.0061,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor industrial photosensitive agent manufacturing diales51.0023,15023,15023,150SK Materials JNC Co., Ltd. </td <td>, , ,</td> <td></td> <td>Manufacturing and sales</td> <td></td> <td></td> <td></td> <td>545,300 622,606</td>	, , ,		Manufacturing and sales				545,300 622,606
SK REIT Co., Ltd. (*2)KoreaReal estate development and trading42.99423,691423,691423,691SK Biopharmaceuticals Co., Ltd.KoreaMedicine and life science Condominiums/ resort business64.02369,226369,226369,226SK Signet Inc. (*3)KoreaMaufacturing of motors 	SK Specialty Co., Ltd.	Korea	Special-gas	100.00	600,467	600,467	600,467
SK Biopharmaceuticals Co., Ltd.KoreaMedicine and life science64.02369,226369,226369,226369,226369,226369,226369,226369,226369,226369,226369,226369,226369,226335,912<	SK REIT Co., Ltd. (*2)	Korea	Real estate development	42.99	423,691	423,691	423,691
Hweechan Co., Ltd.KoreaCondominiums/ resort business100.00335,912335,912335,912335,912SK Signet Inc. (*3)KoreaManufacturing of motors generators, and electrical conversion devices-293,236293,236293,236SK Materials Airplus Incorporated. (*4)KoreaManufacturing and lectrical conversion devices100.00339,588339,588265,57SK powertech Co., Ltd.KoreaSemiconductor98.59150,919150,919150,919SK Tri Chem Co., Ltd.KoreaDevelopment of precursor products65.00102,505102,505102,505SK Materials Renewtech Co., Ltd. (*4)KoreaSemiconductor and sales75.0062,69262,69262,692SK Forest Co., Ltd.KoreaSemiconductor industrial photosensitive agent photosenstruction and sales100.0057,07057,07057,070SK Resonac Co., Ltd.KoreaKoreaSemiconductor semiconductor51.0023,15023,15023,150SK Materials JNC Co., Ltd.KoreaCorganic light emitting diode material manufacturing,51.0020,28720,28720,287		I.		04.00	000 000		000 000
SK Signet Inc. (*3)Korea KoreaManufacturing of motors generators, and electrical conversion devices293,236293,250102,505102,505102,505102,					,	,	
SK Signet Inc. (*3)KoreaManufacturing of motors generators, and electrical conversion devices293,236293,236293,236SK Materials Airplus Incorporated. (*4)KoreaManufacture and sale of industrial gas100.00339,588339,588265,57SK powertech Co., Ltd.KoreaSemiconductor of industrial gas98.59150,919150,919150,919SK Tri Chem Co., Ltd.KoreaDevelopment of precursor products65.00102,505102,505102,505SK Materials Renewtech Co., Ltd. (*4)KoreaAcetylene and other and sales74,01SK Forest Co., Ltd.KoreaSemiconductor and sales75.0062,69262,69262,69262,692SK Forest Co., Ltd.KoreaLandscape construction ophotosensitive agent manufacturing and sales100.0061,38761,38761,387SK Resonac Co., Ltd.KoreaSemiconductor ophotosensitive agent manufacturing and sales51.0023,15023,15023,150SK Materials JNC Co., Ltd.KoreaOrganic light emitting diode material manufacturing,51.0020,28720,28720,287	Hweechan Co., Ltd.	Korea		100.00	335,912	335,912	335,912
SK Materials Airplus Incorporated. (*4)KoreaManufacture and sale100.00339,588339,588265,57SK powertech Co., Ltd.KoreaSemiconductor98.59150,919150,919150,919150,919SK Tri Chem Co., Ltd.KoreaDevelopment65.00102,505102,505102,505102,505SK Materials Renewtech Co., Ltd. (*4)KoreaAcetylene and other Industries gas production and sales74,01SK Torest Co., Ltd.KoreaSemiconductor75.0062,69262,69262,69262,692SK Forest Co., Ltd.KoreaSemiconductor75.0061,38761,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor industrial photosensitive agent manufacturing and sales100.0057,07057,07057,070SK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,15023,150SK Materials JNC Co., Ltd.KoreaOrganic light emitting diode material manufacturing,51.0020,28720,28720,287	SK Signet Inc. (*3)	Korea	Manufacturing of motors	-	293,236	293,236	293,236
SK powertech Co., Ltd.KoreaSemiconductor98.59150,919150,919150,919SK Tri Chem Co., Ltd.KoreaDevelopment65.00102,505102,505102,505SK Materials Renewtech Co., Ltd. (*4)KoreaAcetylene and other Industries gas production and sales74,01SK materials G14 Co., Ltd.KoreaSemiconductor75.0062,69262,69262,69262,692SK Forest Co., Ltd.KoreaSemiconductor100.0061,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor100.0057,07057,070SK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,150SK Materials JNC Co., Ltd.KoreaOrganic light emitting diode material manufacturing,51.0020,28720,28720,287							
SK Tri Chem Co., Ltd.KoreaDevelopment65.00102,505102,505102,505SK Materials Renewtech Co., Ltd. (*4)KoreaDevelopment65.00102,505102,505102,505SK Materials Renewtech Co., Ltd. (*4)KoreaAcetylene and other and sales74,01SK materials G14 Co., Ltd.KoreaSemiconductor75.0062,69262,69262,692SK Forest Co., Ltd.KoreaSemiconductor100.0061,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor100.0057,07057,07057,070SK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,15023,150SK Materials JNC Co., Ltd.KoreaOrganic light emitting diode material manufacturing,51.0020,28720,28720,287			of industrial gas				
SK Materials Renewtech Co., Ltd. (*4)Koreaof precursor products Acetylene and other Industries gas production and sales74,01SK materials G14 Co., Ltd.KoreaSemiconductor75.0062,69262,69262,69262,692SK Forest Co., Ltd.KoreaSemiconductor75.0061,38761,38761,38761,387SK Materials Performance Co., Ltd.KoreaLandscape construction100.0057,07057,07057,070SK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,150SK Materials JNC Co., Ltd.KoreaOrganic light emitting diode material manufacturing,51.0020,28720,28720,287	SK powertech Co., Ltd.	Korea		98.59	150,919	150,919	150,919
Industries gas production and salesSK materials G14 Co., Ltd.KoreaSemiconductor75.0062,69262,69262,692SK Forest Co., Ltd.KoreaLandscape construction100.0061,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor industrial photosensitive agent manufacturing and sales100.0057,07057,07057,070SK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,15023,150SK Materials JNC Co., Ltd.KoreaOrganic light emitting diode material manufacturing,51.0020,28720,28720,287	SK Tri Chem Co., Ltd.	Korea		65.00	102,505	102,505	102,505
SK materials G14 Co., Ltd.KoreaSemiconductor75.0062,692 <td>SK Materials Renewtech Co., Ltd. (*4)</td> <td>Korea</td> <td>Industries gas production</td> <td>-</td> <td>-</td> <td>-</td> <td>74,015</td>	SK Materials Renewtech Co., Ltd. (*4)	Korea	Industries gas production	-	-	-	74,015
SK Forest Co., Ltd.KoreaLandscape construction100.0061,38761,38761,38761,387SK Materials Performance Co., Ltd.KoreaSemiconductor industrial100.0057,07057,07057,070photosensitive agent manufacturing and salesSK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,150SK Materials JNC Co., Ltd.KoreaKoreaOrganic light emitting diode material manufacturing,51.0020,28720,28720,287	SK materials G14 Co., Ltd.	Korea	Semiconductor	75.00	62,692	62,692	62,692
SK Materials Performance Co., Ltd. Korea Semiconductor industrial 100.00 57,070 5	SK Forest Co., Ltd.	Korea		100.00	61.387	61.387	61,387
SK Resonac Co., Ltd.KoreaSemiconductor51.0023,15023,15023,150distribution and salesSK Materials JNC Co., Ltd.KoreaOrganic light emitting diode51.0020,28720,28720,287material manufacturing,	,		Semiconductor industrial photosensitive agent		,	,	57,070
SK Materials JNC Co., Ltd. Korea Organic light emitting diode 51.00 20,287 20,287 20,28 material manufacturing,	SK Resonac Co., Ltd.	Korea	Semiconductor	51.00	23,150	23,150	23,150
	SK Materials JNC Co., Ltd.	Korea	Organic light emitting diode	e 51.00	20,287	20,287	20,287
Evertech Enterprise Co., Ltd. (*6, 7) Korea Manufacturing of 98.20 20,579 20,579	Evertech Enternrise Co. 1td (*6.7)	Korea	distribution and sales	98 20	20 579	20 579	
other chemical products		Norea		30.20	20,575	20,019	-
SK REITs Management Co., Ltd. Korea Real estate acquisition 100.00 7,000 7,000 7,000 7,000 7,000	SK REITs Management Co., Ltd.	Korea			7,000	7,000	7,000
Ackerton Partners (*6, 7) Korea Consulting 100.00 6,300 6,300							-
							1,651,228
							1,076,108
and investment		Ū	and investment				557,117
							345,010
SK Life Science Labs, Inc. (*5, 8, 9, 10) USA Medicine research 40.00 214,527 41,303	SK Life Science Labs, Inc. (*5, 8, 9, 10)		Medicine research				281,360 -
(formerly, ProteoVant Sciences, Inc.) and development				50.00	000 570	000 570	000 570
							200,573 182,625
Einstein Cayman Limited. Cayman Investment 100.00 182,625 182,6							102,025
							149,691
					,		124,225
Chamaedorea, Inc. (*6) USA Investment 100.00 117,377 117,377							-
			Energy solution	62.11	,		104,538
							67,093
							54,752
							51,176
							29,221
							27,684
							21,689
							25,847
SK C&C Beijing Co., Ltd. China Computer system 100.00 25,481 25,481 25,48 integration advisory	on vao deijing vo., Lla.	China		100.00	∠5,481	25,481	25,481

8. Investments in subsidiaries (cont'd)

)23	December 31, 2022	
		Principal	Equity ownership	Acquisition		
	Domicile	business activity	(%) (*1)	cost	Book value	Book value
Castanea Biosciences Inc. (*9)	USA	Investment	100.00	48	48	23,883
SK Investment Management Co., Ltd	Hong Kong	Investment	82.24	10,099	10,099	10,099
SK GI Management	Cayman	Investment	100.00	9,523	9,523	9,523
Gemini Partners Pte. Ltd. (*5)	Singapore	Consulting	20.00	6,018	2,601	2,601
SK MENA Investment B.V. (*5)	Netherland	Investment	11.54	5,178	5,178	5,178
SK Latin Americas Investment S.A. (*5)	Spain	Investment	11.54	5,135	5,135	5,135
SK C&C India Pvt. Ltd.	India	Computer system integration advisory	100.00	3,442	-	-
Tellus (Hong Kong) Investment	Hong Kong	Investment	100.00	1,985	1,985	1,985
SK C&C USA, Inc.	UŠA	Computer system	100.00	1,971	1,971	1,971
		integration advisory				
SK Technology Innovation Company (*5)	Cayman	Research and development	2.12	1,876	1,876	1,876
S&G Technology	Saudi Arabia	Computer system integration advisory				
		and others	51.00	74	-	
				<u>₩ 22,449,548</u>	₩ 22,227,569	<u>₩ 21,396,544</u>

(*1) Equity ownership is based on ordinary shares.

- (*2) SK Innovation Co., Ltd. and 6 other companies were classified as investments in subsidiaries as the Company is able to exercise de facto control. The remaining voting rights of SK Innovation Co., Ltd. and 6 other companies are widely dispersed, and the Company's voting rights are sufficient to give it power.
- (*3) The Company has acquired convertible preferred stocks with voting rights of the entity and as a result, holds 51.49% of voting rights.
- (*4) During the nine-month period ended September 30,2023, SK Materials Renewtech Co., Ltd. was merged with SK Materials Airplus Incorporated and excluded from its subsidiary.
- (*5) When the investment equity ratio of the Company and its subsidiaries is combined, control can be exercised, therefore the investment is classified as a subsidiary.
- (*6) Newly acquired during the nine-month period ended September 30, 2023.
- (*7) Additional investment was made during the nine-month period ended September 30, 2023.
- (*8) During the nine-month period ended September 30,2023, there were signs of impairment, so the loss of investment impairment to subsidiaries was recognized.

(*9) Share capital decrease with consideration was made during the nine-month period ended September 30, 2023.

(*10) It is transferred from investments in associates to investments in subsidiaries during the ninemonth period ended September 30, 2023

(2) Fair value of marketable investments in subsidiaries as of September 30, 2023 is as follows (Korean won in millions):

Sept	ember 30, 2023
₩	5,160,370
	3,414,757
	1,802,096
	592,571
	1,168,101
	4,321,632
	354,914

9. Investments in associates

Details of investments in associates as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

						December 31,
		5 · · · · ·		September 30, 20		2022
	Densielle	Principal business	Equity	Acquisition	Book	Book
	Domicile	activity	ownership (%)		value	value
SOCAR Inc. (*1,9)	Korea	Rental of cars				₩ 109,304
SMCore Inc.	Korea	Manufacturing and	26.60	39,419	39,419	39,419
		sales of automated				
		logistics system				
Standigm Inc. (*1,2)	Korea	Medical and	12.14	14,410	14,410	14,410
		pharmaceutical research				
		nd development industries				
Cloocus Co., Ltd. (*1,2)	Korea	Information and	16.19	6,500	6,500	6,500
		communication service				
TBU Inc. (*2)	Korea	Electric vehicle charging		5,700	5,700	5,700
Soft berry Inc. (*2)	Korea	Logistics infra	22.09	5,684	5,684	5,684
A4x Inc. (*1)	Korea	Block chain validator	8.33	5,078	5,078	5,078
Begas Co., Ltd. (*3)	Korea	Management consulting	-	-	-	5,000
PUMP Co., Ltd. (*1,2)	Korea	Electric kickboard rental	12.02	5,000	5,000	5,000
THiRA-UTECH Co., Ltd. (*1,2)	Korea	Service manufacturing	12.87	4,200	4,200	4,200
Superblock Co., Ltd. (*1,4)	Korea	Block chain mainnet	3.33	3,109	3,109	-
ACRYL Inc. (*1,2)	Korea	Information service	16.12	2,500	312	312
TWO LINE CODE Inc.	Korea	Software development	23.54	2,300	2,300	2,300
The Wave Talk, Inc. (*1,2)	Korea	Manufacturing and	3.88	2,038	2,038	2,038
		technical services				
Todo Works Corp. (*1,2)	Korea	Handicapped aids and	10.25	2,037	2,037	2,037
		medical device sales				
Daehan Kanggun BcN Co., Ltd. (*1,2)	Korea	Wired communication	0.20	58	-	-
SK Life Science Labs, Inc. (*5,6)	USA	Medicine research	-	-	-	222,370
(formerly Proteovant Sciences, In		and development				
Swift Navigation (*1,2)	USA	GPS software	9.53	46,496	46,496	46,496
		development				
Belstar Superfreeze	Cayman	Warehouse business	20.98	36,839	36,839	36,839
Holdings, LLC (*2)						
9352-7281 Quebec Inc.	Canada	Investment	40.09	31,558	31,558	31,558
Hummingbird Bioscience	Singapore	Antibody drugs	8.97	19,026	19,026	19,026
Holdings Pte. Ltd. (*1,2)		and development				
FSK Holdings Co., Ltd.	Hong Kong		30.00	11,937	6,245	6,245
Halio, Inc. (*1,2)	USA	Manufacturing	4.45	8,498	8,498	8,498
		discolored glass				
VantAI (*4)	USA	Medicine research	40.00	7,594	7,594	-
		and development				
Visible Patient S.A.S. (*2)	France	Manufacturing	22.14	7,507	7,507	7,507
		related to medicine				
Mozido Corfire, Inc. (*8)	USA	System consulting	-	-	-	-
DSK EV Investment Limited. (*1,7		Investment	3.32	1,048	1,048	1,040
Team Blackbird. Inc. (*1,2,4,10)	Korea	Software development	3.22	1,998	1,998	
				₩ 270,534	₩ 262,596	₩ 586,561

(*1) As the Company is able to exercise significant influence over the entity although its ownership interest is less than 20%, the investment in the entity was classified as investments in associates.

(*2) It is the equity share ratio that takes preferred share with voting rights into consideration.

(*3) Redeemed during the nine-month period ended September 30, 2023.

(*4) Newly acquired during the nine-month period ended September 30, 2023.

- (*5) During the nine-month period ended September 30, 2023, there were signs of impairment, so the loss of investment impairment to associates was recognized.
- (*6) When the investment equity ratio of the Company and its subsidiaries are combined, control can be exercised. Therefore, the investments are classified as investment in subsidiaries.
- (*7) Additionally acquired was made during the nine-month period ended September 30, 2023.
- (*8) Liquidated during the nine-month period ended September 30, 2023.
- (*9) During the nine-month period ended September 30, 2023, the Company decided to sell all of its shares in SOCAR Inc., which had been classified as investments in associates.(See note 27)
- (*10) It is transferred from investment securities to investments in associates during the nine-month period ended September 30, 2023.

10. Property, plant and equipment

(1) Details of property, plant and equipment as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

			September 30, 20		December 31, 2022						
	Acquisition		Accumulated				Acquisition	Accumulated			
	-	cost	depreciation		Book value		cost	deprecia	tion	Boo	ok value
Land	₩	100,224	₩ -	₩	100,224	₩	100,090	₩	-	₩	100,090
Buildings		314,026	(80,400)		233,626		303,783	(74	1,406)		229,377
Structures		11,646	(2,794)		8,852		11,646	(2	2,426)		9,220
Machinery		14,098	(802)		13,296		8,382		(211)		8,171
Vehicles		12,552	(5,506)		7,046		12,581	(4	1,948)		7,633
Furniture and fixtures		448,658	(314,576)		134,082		453,247	(310),776)		142,471
Construction-in-progress		96,046			96,046		67,502		_		67,502
	₩	997,250	₩ (404,078)	₩	593,172	₩	957,231	₩ (392	<u>2,767)</u>	₩	564,464

(2) Details of changes in property, plant and equipment for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		For the nine-month period ended September 30, 2023										
		Beginning										
		balance	Acquisition	Depreciation	Disposal	Transfer(*1)		balance				
Land	₩	100,090	₩ -	₩ -	₩ -	₩ 134	₩	100,224				
Buildings		229,377	4,565	(6,659)	-	6,343		233,626				
Structures		9,220	-	(368)	-	-		8,852				
Machinery		8,171	-	(592)	-	5,717		13,296				
Vehicles		7,633	52	(639)	-	-		7,046				
Furniture and fixtures		142,471	16,544	(31,759)	(177)	7,003		134,082				
Construction-in-progress	-	67,502	52,434	-	-	(23,890))	96,046				
	₩	564,464	₩ 73,595	₩ (40,017)	<u>₩ (177)</u>	₩ (4,693))₩	593,172				

(*1) This includes transfer from construction-in-progress to property, plant and equipment, investment property and intangible assets, and transfer from investment property.

		For the nine-month period ended September 30, 2022										
		Beginning										
		balance	Acquisition	Depreciation	Disposal	Tr	ansfer(*1)	balance				
Land	₩	100,179	₩ -	₩ -	₩	-₩	- W	100,179				
Buildings		278,864	-	(6,588)		-	(40,882)	231,394				
Structures		9,711	-	(368)		-	-	9,343				
Machinery		1,255	-	(112)		-	56	1,199				
Vehicles		8,381	103	(643)		-	-	7,841				
Furniture and fixtures		126,729	20,163	(30,160)		(3)	23,784	140,513				
Construction-in-progress		32,765	75,048				(39,015)	68,798				
	₩	557,884	₩ 95,314	₩ (37,871)	₩	<u>(3)</u> ₩	(56,057) ₩	559,267				

(*1) This includes transfer from construction-in-progress to property, plant and equipment and investment property, and transfer from investment property.

11. Right-of-use assets and lease liabilities

(1) Details of right-of-use assets as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		September 30, 2023						December 31, 2022					
	A	Acquisition cost		Accumulated depreciation			Acquisition cost		Accumulated depreciation				
						<u>Book value</u>						Book value	
Land and buildings	₩	233,388	₩	(118,215)	₩	115,173	₩	230,267	₩	(92,398)	₩	137,869	
Vehicles		9,925		(5,122)		4,803		9,048		(5,461)		3,587	
Furniture and fixtures		361		(246)		115		361		(192)		169	
	₩	243,674	₩	(123, 583)	₩	120,091	₩	239,676	₩	(98,051)	₩	141,625	

11. Right-of-use assets and lease liabilities (cont'd)

(2) Changes in right-of-use assets for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	For the nine-month period ended September 30, 2023										
	Beginning					Ending					
	balance	Increase	Deprec	iation Decreas	se Others (*1)	balance					
Land and buildings	₩ 137,869	₩ 5,364	₩ ((29,903) ₩	(854)₩ 2,697	₩ 115,173					
Vehicles	3,587	4,560)	(2,446) (*	1,057) 159	4,803					
Furniture and fixtures	169			(54)		115					
	₩ 141,625	₩ 9,924	₩ ((32,403) ₩ (<u>1,911) ₩ 2,856</u>	₩ 120,091					
		For the r	nine-mont	h period ended S	eptember 30, 2022						
	Beginning			•	·	Ending					
	balance	Incre	ase	Depreciation	<u>Others (*1)</u>	balance					
Land and buildings	₩ 115,75	55 ₩	38,946	₩ (27,541) ₩ 16,147	₩ 143,307					
Vehicles	4,32	27	2,743	(2,572) (923)	3,575					
Furniture and fixtures	2	39		(52		187					
	₩ 120.32	21 ₩	41.689	₩ (30,165) ₩ 15,224	₩ 147.069					

(*1) The amounts include deducting the right-of-use assets from the sublease and adjustments of the right-of-use assets according to the remeasurement of the lease liabilities and others.

(3) Changes in lease liabilities for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	For the nine-month period ended September 30, 2023									
	Beginning balance	Increase	Interest expenses	Decrease (payment)	Others (*1)	Ending balance				
Lease liabilities	₩ 415,360 ₩	9,924	₩ 7,956		₩ 11,215 ₩	385,012				
		For the nine	e-month period	l ended Septem	ber 30, 2022					
	Beginning		Interest	Decrease		Ending				
	balance	Increase	expenses	(payment)	Others (*1)	balance				
Lease liabilities	₩ 429,144 ₩	41,217	₩ 8,368	₩ (55,352)	₩ 4,269 ₩	427,646				

(*1) The amounts include adjustments of the remeasurement of the lease liabilities which is lease modification that is not accounted for as a separate lease and others.

The Company recognized lease payments of \$3,077 million and \$4,074 million in relation to shortterm lease and \$963 million and \$824 million in relation to leases of low-value assets as operating costs during the nine-month periods ended September 30, 2023 and 2022. The total cash outflow of leases is \$63,483 million and \$60,250 million during the nine-month periods ended September 30, 2023 and 2022.

12. Investment properties

(1) Details of investment properties as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		9	September 30, 20	December 31, 2022						
	Ac	quisition	Accumulated			Acq	uisition	Accumula	ted	
		cost	depreciation	Book val	ue		cost	depreciati	on	Book value
Land	₩	89	₩ -	₩	89	₩	89	₩	- ₩	₹ 89
Buildings		69,931	(7,675))62	,256		65,836	(5	,540)	60,296
-	₩	70,020	₩ (7,675)₩ 62	,345	₩	65,925	₩ (5	,540) ₩	€ 60,385

12. Investment properties (cont'd)

(2) Changes in investment properties for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		For the nine-month period ended September 30, 2023									
	Beg	ginning	Increase(*1)		·		Ending				
	ba	lance		(decrease)	De	epreciation		balance			
Land	\overline{W}	89	₩	-	₩	-	₩	89			
Buildings		60,296		4,308		(2,348)		62,256			
	\overline{W}	60,385	₩	4,308	₩	(2,348)	₩	62,345			

(*1) This includes transfer from investment property to buildings, and transfer from buildings and rightof-use asset to investment property.

	For the nine-month period ended September 30, 2022										
	Beginning	Increase		Ending							
	balance	(decrease)	Depreciation	balance							
Buildings	₩ 7,469	₩ 56,029	₩ (2,252)	₩ 61,246							

13. Intangible assets

(1) Details of intangible assets as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	September 30, 2023						December 31, 2022									
	A	Acquisition Accumulated Accumulated					Acquisition Accumulated			Ac	ccumulated					
		cost	an	nortization	_in	npairment	Bo	ok value		cost	ar	nortization	_ir	mpairment	Book	value
Development costs	₩	281,745	₩	(149,507)	₩	(27,423)	₩	104,815	₩	263,444	₩	(126,875)	₩	(9,847)₩		126,722
Memberships		79,352		-		(13,647)		65,705		76,260		-		(13,647)		62,613
Brand-related assets		1,975,000		-		-	1	,975,000		1,975,000		-		-	1	,975,000
Others		31,985		(10,076)		(20,717)		1,192		31,261		(8,887)		(16,607)		5,767
	₩	2,368,082	₩	(159,583)	₩	(61,787)	∦ 2	2,146,712	₩:	2,345,965	₩	(135,762)	₩	<u>(40,101)</u> ₩	2	2,170,102

(2) Changes in intangible assets for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		For the nine-month period ended September 30, 2023										
	Beginning	Beginning										
	balance	Acquisitions A	mortization	Disposal	Impairment	Transfer(*2)	balance					
Development costs	₩ 126,722 ₩	∀ 18,787 ∀	∀ (22,632)∀	∀ (486) 3	₩ (17,576) ₩	-	₩ 104,815					
Memberships (*1)	62,613	3,577	-	(485)	-	-	65,705					
Brand-related assets (*1)	1,975,000	-	-	-	-	-	1,975,000					
Others	5,767	90	(1,189)	(3)	(4,110)	637	1,192					
	₩ 2,170,102	₩ 22,454 ₩	∀ <u>(23,821)</u> ¥	∀ (974) 3	₩ (21,686) ₩	£ 637	₩ 2,146,712					

		For the nine-month period ended September 30, 2022										
		Beginning	Ending									
		balance	Acquisitions	Ar	mortization	Disposal	Others	balance				
Development costs	₩	120,577	₩ 32,458	₩	(22,893) ₩	- ₩	⊬ (135) ₩	130,007				
Memberships (*1)		53,260	11,071		-	(1,719)	-	62,612				
Brand-related assets (*1)		1,975,000	-		-	-	-	1,975,000				
Others		27,254	618		(4,511)	-	16	23,377				
	₩	2,176,091	₩ 44,147	₩	<u>(27,404)</u> ₩	<u>(1,719)</u> ∖	∀ (119) ₩	2,190,996				

(*1) Membership and brand-related assets are classified as intangible assets with infinite useful lives and are not amortized.

(*2) This includes transfer from property, plant and equipment to intangible assets.

14. Borrowings and bonds

(1) Short-term borrowings

Details of short-term borrowings as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

Description	Financial institution	Interest rate (%)	September 30, 2023	December 31, 2022
Working capital loan	Woori Bank	4.92 ~ 7.16	₩ 588,960	₩ 253,460
and others	Kookmin Bank	4.73 ~ 5.21	260,000	100,000
	NH Bank	5.03 ~ 5.17	210,000	116,000
	Standardchartered Bank	6.02	200,000	200,000
	Hana Bank	5.42 ~ 5.80	200,000	100,000
	Credit Agricole Corporate	6.30	134,480	193,730
	& Investment Bank	F 40	50.000	CE 000
	Bank of China	5.13	50,000	65,000
	Shinhan bank	4.57	50,000	-
	China Everbright Bank	4.75	40,000	40,000
	The Export-Import Bank of Korea	-	-	190,095
Commercial paper	Hi Investment & Securities	4.05 ~ 6.02	400,000	210,000
	Daol Investment & Securities	4.04 ~ 6.05	385,000	550,000
	Shinhan bank	4.05 ~ 4.87	250,000	70,000
	Bookook Securities	4.05 ~ 6.10	195,000	450,000
	Hyundai Motor Group	4.46 ~ 4.51	125,000	-
	IBK Investment & Securities	5.61 ~ 5.99	80,000	140,000
	KB Securities	4.05 ~ 5.61	65,000	170,000
	SK Securities	4.05 ~ 4.51	55,000	245,000
	Kiwoom Securities	6.02	20,000	105,000
	Ebest Investment & Securities	4.06	20,000	50,000
	Samsung Securities Securities	6.02	10,000	30,000
	BNK Investment & Securities	-	-	215,000
	Hana Securities	-	-	120,765
	Korea Development Bank	-	-	70,000
	Korea Investment & Securities	-	-	50,000
	Hanyang Securities	_		30,000
	Mirae Asset Securities	-	-	10,000
	Winde Assel Securilles	-	₩ 3,338,440	
			<u>vv</u> 3,336,440	₩ 3,774,050

14. Borrowings and bonds (cont'd)

(2) Bonds

Details of bonds as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

273.3rd 4.26 2024.03-25 Unsecured W 100,000 W 100,000 276.3rd - 2023.05-07 Unsecured - 120,000 277.3rd - 2023.05-07 Unsecured 60,000 660,000 277.3rd - 2023.05-07 Unsecured 120,000 120,000 278.3rd - 2023.05-07 Unsecured 130,000 100,000 278.3rd 2.67 2024.05-01 Unsecured 100,000 100,000 283.3rd 2.66 2024.10-25 Unsecured 60,000 60,000 283.3rd 3.26 2022.40-27 Unsecured 60,000 60,000 284.1st - 2023.40-60 Unsecured 60,000 60,000 284.1st - 2023.40-60 Unsecured 60,000 100,000 284.1st - 2023.40-60 Unsecured 100,000 100,000 284.1st - 2023.40-60 Unsecured 100,000 100,000	lssuance number	Interest rate (%)	Maturity	Security	September 30, 2023	December 31, 2022
276-3rd - 2023-06-01 Unsecured - 150.000 277-4th 2.4.3 2026-06-01 Unsecured - 100.000 278-3rd - 2023-06-01 Unsecured - 100.000 120.000 278-3rd 2.58 2024-06-01 Unsecured 110.000 120.000 120.000 280-3rd 2.67 2024-06-04 Unsecured 70.000 70.000 283-3rd 2.66 2024-02-27 Unsecured 60.000 60.000 283-3rd 3.26 2022-02-27 Unsecured 60.000 100.000 284-14 - 2022-02-27 Unsecured 60.000 100.000 284-14 - 2025-06-60 Unsecured 60.000 60.000 284-14 - 2025-06-60 Unsecured 60.000 160.000 285-7rd 2.47 2025-06-60 Unsecured 160.000 160.000 285-7rd 2.47 2025-02-27 Unsecured 160.000 160.000 </td <td></td> <td></td> <td>2024-03-25</td> <td>Unsecured</td> <td>₩ 100,000</td> <td>₩ 100,000</td>			2024-03-25	Unsecured	₩ 100,000	₩ 100,000
277-3rd - 2023-06-01 Unsecured - 120,000 278-3rd - 2023-09-07 Unsecured - 110,000 278-3rd 58 2024-03-06 Unsecured 120,000 120,000 280-3rd 2.67 2024-06-01 Unsecured 110,000 110,000 281-3rd 2.62 2024-08-04 Unsecured 80,000 80,000 283-1st - 2023-02-27 Unsecured 100,000 100,000 283-3rd 3.26 2028-02-27 Unsecured 100,000 100,000 284-4rd 3.01 2025-66-8 Unsecured 100,000 100,000 284-3rd 3.09 2028-49-66 Unsecured 120,000 120,000 285-3rd 2.55 2028-49-66 Unsecured 120,000 120,000 285-3rd 2.37 2023-49-66 Unsecured 120,000 120,000 285-3rd 2.37 2023-49-64 Unsecured 160,000 160,000	276-3rd	-	2023-03-07	Unsecured	-	
277-4th 2.43 2028-06-01 Unsecured 60,000 60,000 278-3rd 2.58 2024-03-06 Unsecured 110,000 110,000 280-3rd 2.67 2024-06-04 Unsecured 70,000 70,000 281-3rd 2.68 2024-10-24 Unsecured 70,000 60,000 283-3rd 2.68 2024-02-27 Unsecured - 150,000 283-3rd 3.26 2028-02-27 Unsecured - 170,000 284-1st - 2023-06-08 Unsecured - 170,000 284-3rd 3.09 2028-06-08 Unsecured - 150,000 285-3rd 2.47 2025-09-06 Unsecured 100,000 100,000 285-3rd 2.37 2028-06-08 Unsecured 100,000 100,000 285-3rd 2.37 2028-00-06 Unsecured 100,000 100,000 285-3rd 2.37 2028-00-06 Unsecured 100,000 100,000 287-		-			-	
278-3rd 2.58 2024-03-06 Unsecured 120,000 120,000 280-3rd 2.67 2024-06-01 Unsecured 110,000 120,000 281-3rd 2.62 2024-06-04 Unsecured 100,000 800,000 283-3rd 2.86 2024-10-25 Unsecured 80,000 800,000 283-3rd 2.99 2025-02-27 Unsecured 100,000 100,000 283-3rd 3.26 2028-02-27 Unsecured 60,000 60,000 284-47d 3.01 2025-06-68 Unsecured 100,000 100,000 284-3rd 3.09 2028-06-68 Unsecured 100,000 120,000 285-3rd 2.47 2025-06-66 Unsecured 100,000 100,000 285-3rd 2.35 2028-09-66 Unsecured 100,000 100,000 287-3rd 2.35 2028-06-04 Unsecured 100,000 100,000 287-3rd 2.35 2028-06-04 Unsecured 10,000 100,000 </td <td></td> <td>2.43</td> <td></td> <td></td> <td>60.000</td> <td></td>		2.43			60.000	
279-3rd 2.58 2024-06-01 Unsecured 110.000 110.000 280-3rd 2.66 2024-06-04 Unsecured 70.000 70.000 282-3rd 2.66 2024-02-27 Unsecured - 155.000 283-3rd 3.29 2025-02-27 Unsecured - 156.000 283-3rd 3.29 2022-02-27 Unsecured - 170.000 284-41 - 2023-06-08 Unsecured 100.000 66.000 284-3rd 3.09 2028-06-08 Unsecured 100.000 100.000 285-3rd 2.47 2025-09-06 Unsecured 100.000 120.000 285-3rd 2.55 2028-09-06 Unsecured 100.000 150.000 287-3rd 2.37 2023-11-29 Unsecured 100.000 150.000 287-3rd 2.35 2029-02-27 Unsecured 100.000 160.000 287-3rd 2.35 2029-02-27 Unsecured 100.000 160.000 260.000					-	
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298-3rd2.832031-11-05Unsecured40,00040,0003002.162024-04-26Unsecured50,00050,000301-2023-07-03Unsecured-85,000302-1st3.002025-02-22Unsecured220,000220,000302-2nd3.102027-02-22Unsecured120,000120,000302-3rd3.192032-02-22Unsecured50,00050,000303-1st3.972025-06-09Unsecured160,000160,000	298-2nd			Unsecured		
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303-1st 3.97 2025-06-09 Unsecured 160,000 160,000						50,000
		3.97	2025-06-09	Unsecured	160,000	160,000
	303-2nd		2027-06-09	Unsecured	160,000	160,000

14. Borrowings and bonds (cont'd)

number	Interest rate (%)	Maturity	Security	September 30, 2023	December 31, 2022
303-3 rd	4.24	2029-06-09	Unsecured	30,000	30,000
304-1 st	4.64	2024-09-13	Unsecured	65,000	65,000
304-2 nd	4.71	2025-09-16	Unsecured	145.000	145.000
304-3 rd	4.85	2027-09-16	Unsecured	160.000	160,000
305-1 st	5.45	2024-12-06	Unsecured	120.000	120,000
305-2 nd	5.49	2025-12-08	Unsecured	130,000	130,000
305-3 rd	5.45	2027-12-08	Unsecured	40.000	40,000
306-1 st	4.07	2026-02-27	Unsecured	160.000	-
306-2 nd	4.20	2028-02-27	Unsecured	230,000	-
307-1 st	4.19	2026-05-30	Unsecured	150,000	-
307-2 nd	4.38	2028-05-30	Unsecured	290.000	-
307-3 rd	4.60	2030-05-30	Unsecured	110,000	-
307-4 th	4.67	2033-05-30	Unsecured	50.000	-
308-1 st	4.40	2026-09-11	Unsecured	150.000	-
308-2 nd	4.50	2028-09-11	Unsecured	140.000	-
308-3 rd	4.65	2030-09-11	Unsecured	50,000	-
308-4 th	4.81	2033-09-11	Unsecured	70.000	-
				7,200,000	6,915,000
Less: Discount on b	onds			(15,873)	(14,494)
Less: current portio	n			(1,254,258)	(1,214,551)
				₩ 5,929,869 ₩	· · · · · · · · · · · · · · · · · · ·

(3) The Company's bonds repayment schedule as of September 30, 2023 is as follows (Korean won in millions):

Period ending	Amount of repayment		
October 1, 2023 ~ September 30, 2024	\mathbf{W}	1,255,000	
October 1, 2024 ~ September 30, 2025		1,525,000	
October 1, 2025 ~ September 30, 2026		1,500,000	
October 1, 2026 ~ September 30, 2027		610,000	
October 1, 2027 and thereafter		2,310,000	
	${\mathbb W}$	7,200,000	

(4) Details of long-term borrowings as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		Interest	September 30,	December 31,
Description	Financial institution	rate (%)	2023	2022
Commercial paper	SK Securities	5.65 ~ 5.75	₩ 200,000	₩ 200,000
Working capital loan	Woori Bank	4.99 ~ 5.34	300,000	
			500,000	200,000
Less: discount			(383)	(486)
			₩ 499,617	₩ 199,514

15. Provisions

Changes in provisions for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	For the nine-month period ended September 30, 2023						
	Beginning			Ending			
	balance	Increase	Decrease	balance	Current	Non-current	
Provision for service warranties	₩ 1,717	₩ 1,763	949)₩	≠ 2,531 ₩	2,531	₩ -	
Other provisions	32,203	2,683	(2,584)	32,302	2,276	30,026	
	₩ 33,920	₩ 4,446	₩ (3,533) ₩	<u>4 34,833</u> ₩	4,807	₩ 30,026	
		Fo	r the nine-month per	riod ended Septer	mber <u>30, 202</u> 2	2	
	Beginning			Ending			
	balance	Increase	Decrease	balance	Current	Non-current	
Provision for service warranties	₩ 1,939	₩ 998	₩ (1,556)₩	1,381 ₩	1,381	₩ -	
Other provisions	3,690	1,980	(1,015)	4,655	1,869	2,786	
	₩ 5,629	₩ 2,978	₩ (2,571) ₩	[≠] 6,036 ₩	₹ 3,250	₩ 2,786	

The Company estimates a provision for service warranties for revenue from projects based on historical claim rates and past experiences. Meanwhile, other provisions consist of provision for restoration liabilities and provision for losses, provision for emissions. If the underlying asset must be restored to its original value after the expiration of the contract period based on the lease contract, the restoration obligation is recognized as the present value of the estimated cost of removing, dismantling, and repairing the facility. In the event that future losses are expected to be incurred with respect to an ongoing project, the Company recognized the expected loss as provision for losses immediately. The Company estimate the expected cost to be borne in the future for emissions exceeding the relevant performance year emission rights held by the company in relation to greenhouse gas and emissions and account them as emission rights provisions.

16. Defined benefit liabilities (assets)

(1) Defined contribution plans

The Company partly operates a defined contribution plan for certain employees. The expenses related to the defined contributions plans recognized for the nine-month periods ended September 30, 2023, were \$500 million.

(2) Defined benefit plans

Those employees selecting the defined benefit plans shall be paid fixed amounts upon retirement, where certain conditions are met. In addition, the Company uses the projected unit credit method based on actuarial assumptions for the defined liabilities and plan assets.

(3) Details of defined benefit liabilities as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	<u>September 30, 2023 (*1)</u>		December 31, 2022	
Present value of defined benefit obligation	₩	488,504	₩	458,961
Fair value of plan assets		<u>(514,661</u>)		<u>(523,161</u>)
	\overline{W}	(26,157)	₩	(64,200)

(*1) ₩26,157 million is accounted for as a defined benefit asset as of September 30, 2023.

16. Defined benefit liabilities (assets) (cont'd)

(4) Changes in the defined benefit liabilities (assets) for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	For the nine-mont	<u>h period ended Sept</u>	<u>ember 30, 2023</u>
	Present value		
	of defined	Fair value of	
	benefit obligation	<u>plan assets</u>	Total
Beginning balance	₩ 458,961	₩ (523,161) ₩	∉ (64,200)
Provision for pension benefits:			
Current service cost	31,327	-	31,327
Net interest expense (income)	17,415	(19,782)	<u>(2,367</u>)
	48,742	(19,782)	28,960
Remeasurement:			
Return on plan assets (excluding	-	9,906	9,906
amounts included in net interest expense)			
Actuarial changes arising from changes	(2,058)	-	(2,058)
in financial assumptions	. ,		
Experience adjustments and others	1,776		1,776
	(282)	9,906	9,624
Benefit paid	(38,918)	37,374	(1,544)
Others	20,001	(18,998)	1,003
Ending balance	₩ 488,504	₩ (514,661) ₩	⁴ (26,157)
		h period ended Sept	ember 30, 2022
	Present value		ember 30, 2022
	Present value of defined	Fair value of	
Beginning balance	Present value of defined <u>benefit obligation</u>	Fair value of plan assets	Total
Beginning balance	Present value of defined	Fair value of plan assets	Total
Provision for pension benefits:	Present value of defined <u>benefit obligation</u> ₩ 455,119	Fair value of plan assets	<u>Total</u> [⊭] 17,809
Provision for pension benefits: Current service cost	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970	Fair value of <u>plan assets</u> ₩ (437,310) ₩	<u>Total</u> [≠] 17,809 38,970
Provision for pension benefits:	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 10,353	Fair value of 	<u>Total</u> [≠] 17,809 38,970 (865)
Provision for pension benefits: Current service cost Net interest expense (income)	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970	Fair value of <u>plan assets</u> ₩ (437,310) ₩	<u>Total</u> [≠] 17,809 38,970
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement:	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 10,353	Fair value of <u>plan assets</u> ₩ (437,310) ₩ <u>(11,218)</u> (11,218)	<u>Total</u> 4 17,809 38,970 <u>(865)</u> 38,105
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 10,353	Fair value of 	<u>Total</u> [≠] 17,809 38,970 (865)
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding amounts included in net interest expense)	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 <u>10,353</u> 49,323	Fair value of <u>plan assets</u> ₩ (437,310) ₩ <u>(11,218)</u> (11,218)	<u>Total</u> [#] 17,809 38,970 <u>(865)</u> 38,105 7,538
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding amounts included in net interest expense) Actuarial changes arising from changes	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 10,353	Fair value of <u>plan assets</u> ₩ (437,310) ₩ <u>(11,218)</u> (11,218)	<u>Total</u> 4 17,809 38,970 <u>(865)</u> 38,105
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 <u>10,353</u> 49,323 - (73,107)	Fair value of <u>plan assets</u> ₩ (437,310) ₩ <u>(11,218)</u> (11,218)	Total 4 17,809 38,970 (865) 38,105 7,538 (73,107)
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding amounts included in net interest expense) Actuarial changes arising from changes	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 <u>10,353</u> 49,323 - (73,107) <u>19,354</u>	Fair value of <u>plan assets</u> ₩ (437,310) ₩ <u>(11,218)</u> (11,218) 7,538 - -	<u>Total</u> 4 17,809 38,970 <u>(865)</u> 38,105 7,538 (73,107) <u>19,354</u>
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions Experience adjustments and others	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 <u>10,353</u> 49,323 - (73,107) <u>19,354</u> (53,753)	Fair value of <u>plan assets</u>	<u>Total</u> 4 17,809 38,970 <u>(865)</u> 38,105 7,538 (73,107) <u>19,354</u> (46,215)
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions Experience adjustments and others Benefit paid	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 <u>10,353</u> 49,323 - (73,107) <u>19,354</u> (53,753) (20,364)	Fair value of <u>plan assets</u> ₩ (437,310) ₩ <u>(11,218)</u> (11,218) 7,538 7,538 7,538 20,308	<u>Total</u> 4 17,809 38,970 <u>(865)</u> 38,105 7,538 (73,107) <u>19,354</u> (46,215) (56)
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets and others (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions Experience adjustments and others	Present value of defined <u>benefit obligation</u> ₩ 455,119 38,970 <u>10,353</u> 49,323 - (73,107) <u>19,354</u> (53,753)	Fair value of <u>plan assets</u>	Total 7 17,809 38,970 (865) 38,105 7,538 (73,107) 19,354 (46,215) (56) 3,048 104

17. Other assets and liabilities

(1) Details of other assets as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Sept	ember 30, 2023	Decen	nber 31, 2022
Current assets:				
Accrued income	₩	7,180	₩	244
Advanced payments		54,984		7,363
Income tax receivable		-		16,620
Prepaid expenses		124,605		113,336
Short-term loans		161,412		52
Guarantee deposits		2,436		3,992
Lease receivables		35,508		35,390
Derivative financial assets		82,879		9,621
	₩	469,004	₩	186,618
Non-current assets:				
Long-term financial instruments	₩	1,186	₩	270
Long-term loans		522,670		492,643
Long-term guarantee deposits		49,660		49,077
Long-term lease receivables		239,981		251,568
Derivative financial assets		208,590		208,590
Others		127		127
	₩	1,022,214	₩	1,002,275

(2) Details of other liabilities as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Septer	September 30, 2023		ber 31, 2022
Current liabilities:				
Advances received	\mathbb{W}	243,181	₩	151,516
Withholdings		23,837		34,222
Income tax liabilities		18,428		-
Dividends payable		178		171
Leasehold deposits received		544		244
Lease liabilities		88,215		77,750
Derivative financial liabilities		37,661		6,093
	\overline{W}	412,044	₩	269,996
Non-current liabilities:				
Long-term leasehold deposits received	\mathbb{W}	24,038	\mathbb{W}	23,609
Long-term lease liabilities		296,797		337,610
Derivative financial liabilities		372,807		372,807
Long-term employee benefits		9,204		7,739
	₩	702,846	₩	741,765

18. Derivative financial assets and liabilities

The Company has entered into foreign currency forward contracts to manage fluctuations in currency exchange rates relating to its loans and has entered total return swap contracts with certain of subsidiaries' common share investors and others. Details of assets and liabilities after valuation as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		September 30, 2023			December 31, 2022			
		Assets		Liabilities		Assets		Liabilities
Forward contract Total return swap contract	₩	82,879	₩	37,661	₩	9,621	₩	6,093
(see Note 29)		208,590		372,807		208,590		372,807
. ,	₩	291,469	₩	410,468	₩	218,211	₩	378,900

19. Equity

19.1 Share capital

Details of share capital as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions, except for number of shares):

	Sep	tember 30, 2023	Dece	mber 31, 2022
Number of shares authorized for issue	-	400,000,000		400,000,000
Par value per share (Korean won)	\mathbb{W}	200	₩	200
Number of issued shares:				
Ordinary share		73,198,329		74,149,329
Preferred share		566,135		566,135
Share capital:				
Ordinary share	₩	16,030	₩	16,030
Preferred share		113		113
	₩	16,143	₩	16,143

The Company retired 6,000,000 shares of its treasury share (par value: $\mathbb{W}1,200$ million) in 2015 and 951,000 shares of its treasury share (par value: $\mathbb{W}190$ million) in the nine-month periods ended September 30, 2023 by reducing retained earnings, which resulted in a difference between total par value of ordinary shares and share capital.

19.2 Other paid-in capital

Details of other paid-in capital as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	September 30, 2023		December 31, 2022	
Additional paid-in capital (*1)	\overline{W}	6,609,167	₩	6,609,167
Treasury share (*2)		(1,905,497)		(2,009,083)
Others		(1,446,802)		(1,448,451)
	\overline{W}	3,256,868	₩	3,151,633

- (*1) During the year ended December 31, 2015, the Company repurchased treasury shares of ₩3,369,395 million from merger with the former SK Inc. which was recognized as a contra-equity account on additional paid-in capital.
- (*2) As of September 30, 2023, treasury share consists of those acquired to increase the enterprise value and to stabilize share price (6,973,149 ordinary shares), and those acquired from repurchase of shares from dissenting shareholders on business combination and shares arising from odd lot shares (11,023,237 ordinary shares and 1,787 preferred shares) during the year 2015.

19. Equity (cont'd)

19.3 Retained earnings

Details of retained earnings as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Septe	mber <u>30, 2023</u>	December 31, 2022		
Legal reserve (*1)	₩	8,072	₩	8,072	
Voluntary reserve		62,897		62,897	
Unappropriated retained earnings		<u>12,876,170</u>		12,443,779	
	₩	12,947,139	₩	12,514,748	

(*1) In accordance with the *Korean Commercial Code*, an amount equal to at least 10% of cash dividends is required to be appropriated as a legal reserve until the reserve equals 50% of share capital. The legal reserve may not be utilized for cash dividends but may only be used to offset a deficit, if any, or be transferred to share capital through approval at the general meeting of the shareholders.

19.4 Other components of equity

Details of other components of equity as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	September 30, 2023		December 31, 2022	
Gain on financial assets measured at FVOCI	₩	230,271	₩	205,275

19.5 Stock option

Upon resolution by the shareholders and the Board of Directors, the Company established a stock option program that entitles key management personnel an option to purchase ordinary shares. The terms and conditions related to the stock options granted under the share option program are as follows:

Grant date	<u>1-2 (*1)</u> 2017-03-24	<u>1-3</u> 2017-03-24	<u>2-1</u> 2020-03-25	<u>2-2</u> 2020-03-25			
Type of shares to be issued	Ordinary shares						
Grant method	Reissue of treasury shares, but if the stock option's exercise price						
		ock's real price (ev					
		y settle the differer	nce in cash or wit	h treasury share			
	equivalent to the	difference amount.					
Number of shares (shares)	41,430	41,431	142,692	71,346			
Exercise price (Korean won)	₩ 244,400	₩ 263,950	₩ 153,450	₩ 153,450			
Contractual life of options	2020.03.25	2021.03.25	2023.03.26	2023.03.26			
	~2023.03.24	~2024.03.24	~2027.03.25	~2027.03.25			
Vesting conditions	3 year service from the grant date	4 year service from the grant date	2 year service from the grant date	3 year service from the grant date			

19. Equity (cont'd)

19.5 Stock option (cont'd)

Grant date	<u>1 (*2,3)</u> 2018-03-29	<u>2 (*3)</u> 2018-03-29	<u>1 (*3)</u> 2020-03-31	<u>2 (*3)</u> 2020-03-31			
Type of shares to be issued	Ordinary shares						
Grant method	Reissue of treasury shares, but if the stock option's exercise price is						
		stock's real price (ev					
		nay settle the differe		h treasury share			
	•	e difference amount.					
Number of shares (shares)	18,60)7 18,607	39,098	19,551			
Exercise price (Korean won)	₩ 100,88	84 ₩ 108,959	₩ 89,204	₩ 89,204			
Contractual life of options	2020.03.29	2021.03.29	2023.03.31	2023.03.31			
	~2023.03.2	28 ~2024.03.28	~2027.03.30	~2027.03.30			
Vesting conditions	2 year service	3 year service	2 year service	3 year service			
	from the	from the	from the	from the			
	grant date	grant date	grant date	grant date			

(*1) All were extinguished during the nine-month period ended September 30, 2023.(*2) All were exercised during the nine-month period ended September 30, 2023.

(*3) The stock options have been transferred from SK Materials Co., Ltd.(formerly)

The Company reversed W8,590 million of share-option compensation cost upon the grant of share options above the nine-month period ended September 30, 2023 (accumulated compensation costs for share options: W(-)15,961 million), and recognized the contra account to cash-settled share option liability as stock compensation cost as the fair value of cash-settled liabilities is remeasured at the end of each reporting period. The liability recognized in relation to the cash-settled share option for the ninemonth period ended September 30, 2023 is ₩8,946 million.

The Company used the binomial option pricing model, and the inputs used in the measurement of the fair values at the grant date of the share-based payment plans are as follows:

		1-3		2-1		2-2
Risk-free interest rate		3.64%		3.89%		3.89%
Option life		7 years		7 years		7 years
Expected price (Closing price on the preceding day in Korean won)	₩	146,200	₩	146,200	₩	146,200
Expected volatility		25.20%		25.20%		25.20%
Rate of returns		3.42%		3.42%		3.42%
Exercise price (Korean won)	₩	263,950	₩	153,450	₩	153,450
Fair value per share (Korean won)	₩	3	₩	22,587	₩	22,587
		2		1		2
Risk-free interest rate		3.64%		3.89%		3.89%
Option life		6 years		7 years		7 years
Expected price (Closing price on the preceding day in Korean won)	₩	146,200	₩	146,200	₩	146,200
Expected volatility		25.20%		25.20%		25.20%
Rate of returns		3.42%		3.42%		3.42%
Exercise price (Korean won)	₩	108,959	₩	89,204	₩	89,204
Fair value per share (Korean won)	₩	37,462	₩	58,225	₩	58,225

19. Equity (cont'd)

19.5 Stock option (cont'd)

Changes in stock option granted by Company for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions and in shares):

	For the nine-month period ended						
	September 30, 2023			September 30, 2022			
		Weighted average exercise price		-	Weig	hted average	
	Quantities			Quantities	exercise price		
Beginning balance	392,762	₩	160,508	434,191	₩	166,785	
Exercised	(18,607)		(100,884)	(41,429)		(226,290)	
Extinguished	(41,430)		(244,400)	-			
Ending balance	332,725	₩	153,397	392,762	₩	160,508	

In addition, the Company has entered into a Stock Grant that pays treasury stocks to employees for free apart from the above stock options. In the case of such Stock Grant, there is no requirement for vesting condition, and may not be transferred during the term of the stock. As of September 30, 2023, the recognized stock compensation costs related to the Stock Grant are W275 million.

20. Operating revenues

(1) Details of operating revenues for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	September 30, 2023					September 30, 2022						
		Three-month		Nine-month		Three-month	Nine-month					
Revenue from contracts with customers:												
IT service (*1)	₩	503,734	₩	1,562,942	₩	497,752	₩	1,385,033				
Trademark usage income		78,692		250,690		70,530		212,491				
	₩	582,426	₩	1,813,632	₩	568,282	₩	1,597,524				
Revenue from other sources												
Dividend income	₩	166,437	₩	1,337,242	₩	62,223	₩	706,946				
Rental income		16,847		46,700		13,056		33,552				
		183,284		1,383,942		75,279		740,498				
	₩	765,710	₩	3,197,574	₩	643,561	₩	2,338,022				

(*1) Includes contract revenue of ₩1,028,464 million and ₩893,235 million recognized from the costbased input method for the nine-month period ended September 30, 2023 and 2022.

(2) Details of revenue from contracts with customers for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	September 30, 2023					September 30, 2022						
		Three-month		Nine-month		Three-month		Nine-month				
Revenue from contracts with customers:												
IT service	₩	503,734	₩	1,562,942	₩	497,752	₩	1,385,033				
Trademark usage income		78,692		250,690		70,530		212,491				
	₩	582,426	₩	1,813,632	₩	568,282	₩	1,597,524				
Geographical location:												
Korea	₩	501,451	₩	1,525,250	₩	530,817	₩	1,524,070				
Asia		49,584		116,801		26,307		45,897				
Europe		10,374		81,999		7,313		16,336				
North America		21,017		89,582		3,845		11,221				
	₩	582,426	₩	1,813,632	₩	568,282	₩	1,597,524				
Timing of revenue recognition	n:											
Recognized at a point in time	₩	66,438	₩	298,105	₩	46,347	₩	99,098				
Recognized over a period		515,988		1,515,527		521,935		1,498,426				
	₩	582,426	₩	1,813,632	₩	568,282	₩	1,597,524				

20. Operating revenues (cont'd)

(3) Details of contract assets, contract liabilities related to revenue from contracts with customers as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Septen	nber 30, 2023	Decem	ber 31, 2022
Contract assets from IT service contract	₩	296,520	₩	175,213
Contract liabilities from IT service contract (*1)		183,781		151,434

(*1) The amount recognized as revenue is ₩133,547 million and ₩48,195 million in the nine-month period ended September 30, 2023 and 2022 in relation to the contract liabilities as of December 31, 2022 and 2021.

(4) Details of profit variation by changes in accounting estimates related to the cost-based input method contracts as of September 30, 2023 are as follows (Korean won in millions):

	Change in estimated						Impact on	
	cons	struction	Ch	ange in	curr	ent period	future period	
	rev	venue	estin	nated cost		profit	profit	
IT Service contracts	₩	2,716	₩	13,645	₩	(11,094) ₩		165

The impact on profit for current and future periods has been calculated by the estimated costs considering the initiation of the IT service contract to the current reporting period and the estimated revenues as of the current reporting period. Estimated costs and revenues can be changed in the future periods.

21. Operating expenses

Details of operating expenses for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		September 30, 2023			September 30, 2022				
		Three-month		Nine-month		Three-month		Nine-month	
Material costs	₩	62,360	₩	282,916	₩	40,359	₩	92,040	
Outsourcing costs		209,640		604,212		243,682		674,959	
Salaries		133,277		378,780		126,350		344,342	
Provision for pension benefits		9,705		28,758		9,563		37,435	
Depreciation		22,554		71,109		24,673		69,668	
Amortization		2,637		10,699		6,513		15,536	
Rents		2,181		3,910		2,276		3,847	
Communications		4,940		15,110		5,402		15,987	
Employee welfare benefits		23,012		77,519		23,532		73,639	
Commissions		46,645		129,934		33,276		108,395	
Education and training		6,365		21,024		9,310		23,029	
Research and development		10,516		39,001		11,285		37,570	
Office management		17,876		47,868		14,390		36,673	
Travel		7,384		18,791		4,673		11,270	
Others		14,228		45,385		4,466		39,631	
	₩	573,320	₩	1,775,016	₩	559,750	₩	1,584,021	

22. The classification of expenses by nature

Details of the classification of expenses by nature for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		September 30, 2023				September 30, 2022				
		Three-month		Nine-month		Three-month		Nine-month		
Material costs	₩	62,360	₩	282,975	₩	40,366	₩	92,067		
Outsourcing costs		209,640		604,604		244,170		675,767		
Salaries		136,583		395,675		131,431		362,323		
Provision for pension benefits		10,023		29,695		9,962		38,615		
Depreciation and amortization		29,975		96,241		34,507		97,692		
Rents		2,202		3,985		2,277		3,884		
Communications		4,940		15,126		5,407		15,996		
Employee welfare benefits		23,844		80,153		24,291		75,901		
Commissions		46,727		130,701		33,873		109,739		
Education and training		6,450		21,295		9,361		23,191		
Office management		18,150		48,512		14,510		36,858		
Travel		7,488		19,178		4,779		11,525		
Others		14,938		46,876		4,816		40,463		
	₩	573,320	₩	1,775,016	₩	559,750	₩	1,584,021		

23. Finance income (costs) and other non-operating income (expenses)

23.1 Finance income and costs

Details of finance income and costs for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		September	r 30,	2023	September 30, 2022			
		Three-month		Nine-month	Three-month			Nine-month
Financial income:								
Interest income	₩	6,802	₩	23,580	₩	6,988	₩	18,942
Gain on foreign currency transactions		1,783		10,549		2,097		4,505
Gain on foreign currency translation		15,092		33,751		55,677		98,201
Gain on valuation of financial assets measured at FVTPL		4,544		12,053		-		11,173
Gain on valuation of derivative instruments		72,967		88,928		66,322		97,577
Gain on transactions of								
derivative instruments		60		9,943		27		406
	₩	101,248	₩	178,804	₩	131,111	₩	230,804
Financial costs:								
Interest expenses	₩	102,927	₩	301,615	₩	72,759	₩	188,540
Loss on foreign currency transactions		900		11,538		3,359		6,874
Loss on foreign currency translation		9,442		23,564		63,882		100,623
Loss on valuation of financial assets measured at FVTPL		41,426		111,884		(94,536)		313,455
Loss on valuation of derivative instruments		65,225		87,089		63,860		102,820
Loss on transactions of								
derivative instruments		900		7,244		2,201		3,408
	₩	220,820	₩	542,934	₩	111,525	₩	715,720

23. Finance income (costs) and other non-operating income (expenses) (cont'd)

23.2 Other non-operating income and expenses

Details of other non-operating income and expenses for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		Septembe	r 30	, 2023	September 30, 2022			
		Three-month		Nine-month	1	Three-month	N	line-month
Other non-operating income:								
Gain on disposal of investments in subsidiaries and associates	₩	-	₩	-	₩	(3)	₩	391,808
Gain on disposal of property, plant and equipment		1		217		-		1
Gain on disposal of intangible assets		16		16		-		118
Others		3,936		21,518		222		6,212
	₩	3,953	₩	21,751	₩	219	₩	398,139
Other non-operating expenses:								
Loss on disposal of investments in subsidiaries and associates	₩	-	₩	769	₩	-	₩	-
Loss on impairment of investments in subsidiaries and associates		38,131		253,176		-		-
Loss on disposal of property, plant and equipment		-		2		-		1
Loss on disposal of intangible assets		63		63		-		35
Loss on impairment of intangible asse	ets	-		21,686		135		135
Donations		127		7,689		6,832		8,457
Others		2,788		5,094		401		3,610
	₩	41,109	₩	288,479	₩	7,368	₩	12,238

24. Income taxes

The Company calculated corporate income tax expense by adding the current period adjustments to the accumulated interim tax expense (income), reflecting deferred tax expense (income) due to changes in temporary differences and considering adjustments not related to the interim profit or loss.

The average effective tax rate for the nine-month period ended September 30, 2023 is not calculated due to income tax benefits, and the average effective tax rate for the nine-month period ended September 30, 2022 is 0.25%

25. Earnings per share

(1) Basic earnings per share for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

	September 30, 2023					September 30, 2022			
		Three-month		Nine-month		Three-month	1	Nine-month	
Profit for the period	₩	37,728	₩	818,924	₩	83,779	₩	653,537	
Preferred share dividends									
and residual profit (*1)		403		8,225		863		6,536	
Profit used in basic earnings per ordinary share	₩	37,325	₩	810,699	₩	82,916	₩	647,001	
Weighted-average number of									
issued shares outstanding (*2)		56,152,943		<u>55,819,770</u>		56,107,467		<u>56,111,393</u>	
Basic earnings per share									
(Korean Won)	₩	665	₩	14,524	₩	1,478	₩	11,531	

(*1) These are considered the rights to get 25% more than the ordinary share dividend rate.

(*2) These are the weighted-average number of shares taking into account the number of issued shares due to the change in the number of treasury shares.

The weighted-average number of issued shares outstanding for the three-month periods and ninemonth periods ended September 30, 2023 and 2022 are as follows:

	September	30, 2023	September 30, 2022			
	Three-month	Nine-month	Three-month	Nine-month		
Weighted-average number of shares outstanding	74,149,329	74,149,329	74,149,329	74,149,329		
Weighted-average number of						
treasury shares	(17,996,386)	<u>(18,329,559</u>)	(18,041,862)	<u>(18,037,936</u>)		
Weighted-average number of issued shares outstanding	56,152,943	55,819,770	56,107,467	56,111,393		
issued shares outstanding	50,152,945	55,619,770	50, 107,407	50,111,595		

(2) Basic earnings per preferred share for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

		September 30, 2023					September 30, 2022			
	Three	e-month	N	line-month	Thr	ee-month	N	line-month		
Preferred share dividends										
and residual income	\mathbb{W}	403	₩	8,225	₩	863	₩	6,536		
Weighted-average number of shares outstanding		564,348		<u>564,348</u>		564,348		<u>564,348</u>		
Basic earnings per preferred share preferred share (*1)										
(Korean Won)	₩	715	₩	14,574	₩	1,528	₩	11,581		

(*1) Earnings per share were calculated for preferred stocks that meet the definition of common stocks in K-IFRS No. 1033, such as no preferential rights to dividends and distribution of residual property.

Diluted earnings per share for common stock are calculated by assuming that all potentially dilutive common stock has been transferred to common stock, adjusted by using the weighted average diluted shares outstanding.

25. Earnings per share (cont'd)

(3) The weighted-average number of common shares outstanding for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows:

	September	30, 2023	September	30, 2022
	Three-month	Nine-month	Three-month	Nine-month
Weighted-average number of shares outstanding	56,152,943	55,819,770	56,107,467	56,111,393
Adjustment : stock options Adjusted weighted-average	28,159	52,882	105,038	117,162
diluted shares outstanding	56,181,102	55,872,652	56,212,505	56,228,555

(4) Diluted earnings per common share for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions, except per share and weighted-average number of diluted shares outstanding):

	September 30, 2023				September 30, 2022			
	T	Three-month		Nine-month		Three-month		line-month
Profit for the period	₩	37,728	₩	818,924	₩	83,779	₩	653,537
Preferred share dividends								
and residual income (*1)	₩	403	₩	8,225	₩	863	₩	6,536
Cash-settled stock option	₩	690	₩	6,321	₩	7,502	₩	5,378
profit for the period to calculate diluted common shares outstanding Adjusted weighted-average number	₩	36,635	₩	804,378	₩	75,414	₩	641,623
of common stocks Diluted earnings per common		56,181,102		55,872,652		56,212,505		56,228,555
share (Korean Won)	₩	652	₩	14,397	₩	1,342	₩	11,411

(*1) These are considered the rights to get 25% more than the ordinary share dividend rate.

As there is no dilution effect on stock options for the three-months preceding the nine-month period ended September 30, 2023 and 2022, diluted earnings per share is the same as basic earnings per share.

26. Transactions with related parties

Details of significant transactions with related parties for the nine-month periods ended September 30, 2023 and 2022, and significant balances with related parties as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

(1) The subsidiaries of the Company as of September 30, 2023, are as follows:

Related parties Ultimate controlling party Tae-won Chey and related parties Subsidiaries (total 694) SK Innovation Co., Ltd., SK Energy Co., Ltd., Netruck Co., Ltd., Jeju United FC Corporation, SK Energy Europe, Ltd., HAPPYDIDIM Co., Ltd., goodsFLOW co., Ltd., SK Energy Road Investment Co., Ltd., SK Energy Hong Kong Co., Ltd., SK Energy International Pte. Ltd., Green & Co. Asia Ltd., SK Energy Americas, Inc., SK Energy Road Investment (HK) Co., Ltd., SK Asphalt (Shanghai) Co., Ltd., SK Terminal B.V., SK Geo Centric Co., Ltd., Happymoeum Co., Ltd., ONEPOL Co., Ltd., SK Geo Centric International Trading (Shanghai) Co., Ltd., SK Innovation America, Inc., Blueoval SK LLC, SK Geo Centric (Beijing) Holding Co., Ltd., SK Geo Centric China Limited, SK Geo Centric Japan Co., Ltd., SK Geo Centric Singapore Pte., Ltd., SK Geo Centric Investment Hong Kong Ltd., SK GC Americas, Inc., Green & Connect Capital, Inc., SK Functional Polymer, S.A.S, SK Geo Centric International Trading (Guangzhou) Co., Ltd., Sino-Korea Green New Material (JiangSu) Ltd., Ningbo SK Performance Rubber Co., Ltd., SK Primacor Americas LLC, SK Saran Americas LLC, SK Geo Centric Brazil LTDA, Grove Envergy Capital III, LLC, SK Primacor Europe, S.L.U., SK Enmove Co., Ltd. Yubase Manufacturing Asia Corporation, SK Enmove (Tianjin) Co., Ltd., SK Enmove Japan Co., Ltd., SK Enmove India Pvt. Ltd., SK Enmove Americas Inc., SK Enmove Europe B.V., Iberian LUBE BASE OILS S.A., SK Enmove Russia LLC., SK ie technology Co., Ltd., SK Hi-tech Battery Materials(Jiang Su) Co., Ltd., SK Hi-tech Battery Materials Poland Sp. Zo.o., SK On Co., Ltd., SK Mobile Energy Co., Ltd., Happy Midum Co., Ltd., SK ON(Jiangsu) CO., Ltd., SK ON(YANCHENG) CO., LTD, SK Battery America, Inc., SK ON Hungary Kft., SK Battery Manufacturing Kft., Yancheng Yandu District M Energy Consulting Limited Company, Mobile Energy Battery America, LLC., SK Earth On Co., Ltd., SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd., Happy Kium Co., Ltd., SK On Certification Center (Jiangsu) Co., Ltd., SK On (Shanghai) CO., Ltd., IPC First Securitization Specialty Company, SK Innovation Insurance (Bermuda), Ltd., SK USA, Inc., AUXO CAPITAL INC., AUXO CAPITAL MANAGERS LLC, SK GLOBAL DEVELOPMENT ADVISORS LLC, Tellus (HONG KONG) Investment Co., Ltd., SKY (Zhuhai Hengqin) Technology Co., Ltd., SK Ecoplant Co., Ltd., Changwon SG Energy Co., Ltd., Clenko Co., Ltd., Seosuwon Development Company, SEONGJU TECH Co., Ltd., SAMWON ENT Co., Ltd., RenewOne Co., Ltd., Daewon Hitech Co., Ltd., SK Ecoengineering Co., Ltd., EmedioneLogis Co., Ltd., Dongnam Offshore Windfarm Co., Ltd., Gangdong Green Complex Co., Ltd., BT FC LLC, Topsun Co., Ltd., Windenergy Co., Ltd., Gold Co., Ltd., TS Energy No.18 Co., Ltd., Neujinmoksolar Co., Ltd., Janggamsolar Co., Ltd., Goisolar Co., Ltd., Chopo Solar Power Co., Ltd., Top Operation Co., Ltd., TS Energy No.24 Co., Ltd., TS Energy No.3 Co., Ltd., TS Energy No.9 Co., Ltd., Hamgumi Solar Power Co., Ltd., Gombawisolar Co., Ltd., Nikel Co., Ltd., Keumoh Energy Co., Ltd., Solar Ocean Co., Ltd., Munkyung Solar Palm Co., Ltd., TS Energy No.5 Co., Ltd., Topsun Solar Power No.2 Co., Ltd., TS Energy No.15 Co., Ltd., Eodeumi Solar Co., Ltd., Whitenight Energy Co., Ltd., Duryu Energy Co., Ltd., Seongsosolar Co., Ltd., Shinchu Energy Co., Ltd., Soaksolar Co., Ltd., Sangjeongsolar Co., Ltd., Juseok Co., Ltd., Silver Co., Ltd., Eneman Energy Co., Ltd., Jucheol Co., Ltd., CBK Energy Co., Ltd., Shinhosolar Co., Ltd., TS Energy Co., Ltd., TS Energy No.2 Co., Ltd., TS Energy No.6 Co., Ltd., TS Energy No.10 Co., Ltd., Seosan Topsun Solar Power Co., Ltd., TS Energy No.17 Co., Ltd., TS Energy No.20 Co., Ltd., TS Energy No.21 Co., Ltd., TS Energy No.29 Co., Ltd., TS Energy No.30 Co., Ltd., Topsun Keumoh Energy Co., Ltd., Sodu Energy Co., Ltd., Gaehwa Energy Co., Ltd., Dongmaesolar Co., Ltd., Gaedo Energy Co., Ltd., Yangjipolesolar Co., Ltd., Bongri Energy Co., Ltd., Bunmugol Energy Co., Ltd., Future Energy Taecheon Co., Ltd., Naru Solar Power Co., Ltd., Nari Solar Power Co., Ltd., Chopo Energy Co., Ltd., Econovation, LLC, JIANGSU SKY NEW ENERGY CO., Ltd., TES Sustainable Battery Solutions Nordics AB, SKEC Nanjing Co., Ltd.,

Subsidiaries (total 694)

Related parties

SKEC(Thai), Ltd., Thai Woo Ree Engineering Company Ltd., SKEC Anadolu, LLC, SK HOLDCO PTE. LTD., KS Investment B.V., Environment Management Corporation Co., Ltd., Seonam Environment Energy Co., Ltd., Honam Environmental Energy Co., Ltd., Chungcheong Environment Energy Co., Ltd., Gyeonggi Environment Energy Co., Ltd., Gyeongbuk Environment Energy Co., Ltd., Gyeongin Environment Energy Company, YS TEC Co., Ltd., Green Hwasun Inc., Green Sunchang Co., Ltd., Gyeongsan Clear Mulgil Co., Ltd., Dalseong Maleunmulgil Co., Ltd., Goksung Environment Co., Ltd., SK Ecoplant Americas Corporation, Mesa Verde RE Ventures, LLC., Sunlake Co., Ltd., ECOENGINEERING CANADA LTD., SKEC Consultores Ecuador, S.A., ECO FRONTIER (SINGAPORE) PTE. LTD., TES-ENVIROCORP PTE. LTD., TES CHINA HOLDINGS PTE. Ltd., TES-AMM (SINGAPORE) PTE. LTD., Total Environmental Solutions Co., Ltd., TES-AMM (H.K.) LIMITED, TES-AMM (MALAYSIA) SDN. BHD., TES-AMM (Europe) Ltd, TES-AMM AUSTRALIA PTY LTD, TES-AMM CORPORATION (CHINA) LTD, TES-AMM (BEIJING) CO., LTD, TES-AMM NEW ZEALAND LIMITED, TES-AMM (TAIWAN) CO., LTD, SHANGHAI TES-AMM WASTE PRODUCTS RECYCLE CO., LTD, TES-AMM JAPAN K.K., TES-AMM (SUZHOU) E-WASTE SOLUTIONS CO. LTD, PT. TES-AMM INDONESIA, TES-AMM (CAMBODIA) CO., Ltd., TES-AMM (GUANGZHOU) CO., LTD, Shanghai Taixiang Network Technology Co., Ltd., Advanced Datacom (Australia) Pty Ltd, Green Technology Management Pty Ltd, TES-AMM EUROPE HOLDINGS LTD, TES-AMM UK Ltd, TES-AMM Central Europe GmbH, TES-AMM SAS, TES Total Environmental Solution AB, TES-AMM ESPANA ASSET RECOVERY AND RECYCLING, S.L., TES-AMM ITALIA SRL, TES USA, INC., VSL SUPPORT LIMITED, Technology Supplies International Ltd., Goldberg Enterprises Ltd., TES CONSUMER SOLUTIONS LTD. Integrations Et Services. TES SUSTAINABLE BATTERY SOLUTIONS France, GENPLUS PTE. LTD., Redeem UK Limited, REDEEM HOLDINGS LIMITED, TES ENERGY SOLUTIONS PTE. LTD., TES SUSTAINABILITY PRODUCTS PTE. LTD., CUSTOM CONTROLLERS UK LIMITED, TES B PTE. LTD., TES ESS PTE. LTD., Envirofone Limited, TES Sustainable Battery Solutions B.V., TES Sustainable Battery Solutions GmbH, Sustainable Product Stewards Pty Ltd, CASH FOR TECH LTD, Stock Must Go Limited, TES C PTE. LTD., TES Sustainable Battery Solutions (Australia) Pty Ltd., TES Sustainable Battery Solutions Limited Liability Company, Shanghai TES-AMM Xin New Materials Co., Ltd., TES Netherlands B.V., AP Development Co., Ltd., DY Indus Co., Ltd., DY Polymer Co., Ltd., SK oceanplant Co., Ltd., SAM KANG S&C Co., Ltd., ECOPLANT HOLDING MALAYSIA SDN. BHD., Silvertown Investco Limited, Changzhou SKY New Energy Co., Ltd., SKC Co., Ltd., SK enpulse Co., Ltd., SK Pucore Co., Ltd., Woori Fine Chem Co., Ltd., SK TBMGEOSTONE Co., Ltd., Allnewone Co., Ltd., Ecovance Co.Ltd., Ultimus Co. Ltd., NEXILIS MANAGEMENT MALAYSIA SDN. BHD., SK Nexilis Poland sp.z o.o., Solmics Shanghai Co., Ltd., TECHDREAM CO. LIMITED, SE (JIANGSU) Electronic Materials Co., Ltd., SKC PU Specialty Limited, SKC-ENF Electronics Materials Ltd., SKC (Nantong) Semiconductor Materials Technology Co., Ltd., SKC (Nantong) PU Specialty Co., Ltd, SKCFTH Co., Ltd., SK Nexilis Co., Ltd., SK PIC Global Co., Ltd., SKC solmics Hong Kong Co., Ltd., SKC Semiconductor Materials (Wuxi) Co., Ltd., Solmics Taiwan Co., Ltd., SK NEXILIS MALAYSIA SDN. BHD., Absolics inc., SK Telesys Corporation, NEX INVESTMENT LIMITED, NEX UK HOLDINGS LIMITED, SK Pucore Europe sp. zo.o., SK Pucore USA Inc., SK Pucore Mexico, S. de R.L. de C.V., SK Pucore India Pvt. Ltd., SK Pucore RUS LLC, NEXILIS MANAGEMENT EUROPE B.V., SK E&S Co., Ltd., Kangwon City Gas Co., Ltd., Yeongnam Energy Service Co., Ltd., Ko-one Energy Service Co., Ltd., Busan City Gas Co., Ltd., Jeonbuk Energy Service Co., Ltd., Chonnam City Gas Co., Ltd., Chungcheong Energy Service Co., Ltd., Paju Energy Service Co., Ltd., Narae Energy Service Co., Ltd., Yeoju Energy Service Co., Ltd., Shinanjeungdo Sunlight Co., Ltd., Hae-ssal Solar Power Co., Ltd., Boryeong BlueHy Co., Ltd., NEW RENEWABLE ENERGY NO.1 JSC, KCE ME 2, LLC, KCE CT 8, LLC, KCE MI 4, LLC, KCE IN 4, LLC, KCE IN 5, LLC, KCE IA 1, LLC, KCE IL 3, LLC, KCE WI 1, LLC, Ariulhaengbok Solar Co., Ltd., Busan Jungkwan Energy Co., Ltd., IGE Co., Ltd., Dangjin Haengbok Solar Co., Ltd., Busa Solar Power Co., Ltd., Prism Energy International China Limited, SK E&S Hong Kong Co., Ltd., PRISM ENERGY INTERNATIONAL PTE. LTD., PT Prism Nusantara International, PRISM ENERGY INTERNATIONAL HONG KONG LTD., Fajar Energy International Pte. Ltd, Prism Energy International Zhoushan Limited, PRISM DLNG PTE. LTD., SK E&S Australia Pty Ltd., SK E&S AMERICAS, INC., DewBlaine Energy, LLC, SK E&S Dominicana S.R.L, RNES HOLDINGS, LLC,

Subsidiaries (total 694)

Related parties

BU12 AUSTRALIA PTY. LTD., BU13 AUSTRALIA PTY. LTD., Pnes Investments, LLC, Grid Solution, LLC, Grid Solution II, LLC, Prism Darwin Pipeline Pty. Ltd., Passkey, Inc., LNG Americas, Inc., Key Capture Energy, LLC, KCE GLOBAL HOLDINGS, LLC, KCE PF HOLDINGS 2021, LLC, KCE LAND HOLDINGS, LLC, KCE NY 1, LLC, KCE NY 2, LLC, KCE NY 3, LLC, KCE NY 5, LLC, KCE NY 6, LLC, KCE NY 8, LLC, KCE NY 10, LLC, KCE NY 11, LLC, KCE NY 12, LLC, KCE NY 14, LLC, KCE NY 18, LLC, KCE NY 19, LLC, KCE NY 21, LLC, KCE NY 22, LLC, KCE NY 26, LLC, KCE IL 1, LLC, KCE BRUSHY CREEK HOLDINGS, LLC, KCE ME 1, LLC, KCE NY 33, LLC, KCE NY 28, LLC, KCE TX 15, LLC, KCE NY 27, LLC, KCE NY 29, LLC, KCE NY 32, LLC, KCE TX 9, LLC, KCE TX 10, LLC, KCE TX 13, LLC, KCE TX 14, LLC, KCE TX16, LLC, KCE TX 19, LLC, KCE TX 21, LLC, KCE TX 22, LLC, KCE TX 24, LLC, KCE TX 25, LLC, KCE TX 26, LLC, KCE TX 27, LLC, KCE TX 28, LLC, KCE CT 1, LLC, KCE CT 2, LLC, KCE CT 4, LLC, KCE MD 1, LLC, KCE MI 1, LLC, KCE MI 2, LLC, KCE MI 3, LLC, KCE IL 2, LLC, KCE IN 1, LLC, KCE IN 2, LLC, KCE IN 3, LLC, KCE OK 1, LLC, KCE OK 2, LLC, KCE OK 3, LLC, KCE OK 4, LLC, KCE TEXAS HOLDINGS 2020, LLC, KCE TX 2, LLC, KCE TX 7, LLC, KCE TX 8, LLC, KCE TX 11, LLC, KCE TX 12, LLC, KCE NY 30, LLC, KCE NY 31, LLC, KCE NY 34, LLC, KCE NE 1, LLC, KCE NE 2, LLC, KCE CA 1, LLC, KCE CA 2, LLC, KCE CA 3, LLC, KCE NV 1, LLC, KCE NV 2, LLC, KCE NY 35, LLC, KCE TX 30, LLC, KCE NY 36, LLC, KCE TX 31, LLC, KCE CT 11, LLC, ROUGHNECK STORAGE LLC, MOBILITY SOLUTION I INC., MOBILITY SOLUTION II INC., EVERCHARGE, INC., EVERCHARGE SERVICES, LLC, KCE CT 5, LLC, KCE CT 6, LLC, KCE CT 7, LLC, KCE CT 10, LLC, KCE MARKET OPERATIONS, LLC, LAI CCS, LLC, KCE CT 9, LLC, KCE PF Holdings 2022, LLC, KCE MA 4, LLC, KCE ID 1, LLC, KCE ID 2, LLC, KCE ID 3, LLC, KCE TX 29, LLC, KCE CA 4, LLC, KCE CA 5, LLC, KCE CA 6, LLC, KCE CA 7, LLC, KCE NV 3, LLC, KCE IL 4, LLC, KCE NY 37, LLC, KCE MN 1, LLC, KCE NY 38, LLC, KCE MI 5, LLC, ArkN, LLC, Ark1, LLC, KCE IL 5, LLC, KCE IL 6, LLC, KCE NY 40, LLC, KCE MN 3, LLC, KCE AR 1, LLC, KCE MI 7, LLC, KCE OK 5, LLC, KCE OK 6, LLC, SK Biopharmaceuticals Co., Ltd., SK Biotek Co., Ltd., SK Siltron Co., Ltd., SK Tri Chem Co., Ltd., Happyfilling Co., Ltd., SK SILTRON SHANGHAI CO., LTD., Hweechan Co., Ltd., Haengbokdonghaeng Co., Ltd., SK Materials Performance Co., Ltd., SK Materials Group14 (Shanghai) Co., Ltd., SK Pinx Co., Ltd., SK REIT Co., Ltd., Clean Energy REITs Co., Ltd., SK REITs Management Co., Ltd., Clean Industrial Reit Co., Ltd., SKF&NHIS Timor Holdings Ltd., SK Power-tech Co., Ltd., Teraon Co., Ltd., SK Signet Inc., SK Bio-Pharma Tech (Shanghai) Co., Ltd., SK China Company, Ltd., SK (China) Enterprise Management Co., Ltd., SKY Enterprise Management Co., Ltd., SK Property Investment Management Company Limited, SK China Investment Management Company Limited, SK INTERNATIONAL AGRO-PRODUCTS LOGISTICS DEVELOPMENT CO., LIMITED, Beijing LIZHIWEIXIN Technology Company Limited, Solaris Partners Pte. Ltd., Solaris GEIF Investment, SK Jinzhou International Agro-Sideline Products Park Co., Ltd., SKYLINE AUTO FINANCIAL LEASING CO., LIMITED, SK Financial Leasing Co., Ltd., SK Investment Management Co., Ltd, SK Specialty(Shanghai) Co., Ltd., SK Semiconductor Investments Co., Ltd., Hua Lei Holdings Pte. Ltd., Golden Pearl EV Solutions Limited, I CUBE CAPITAL HONG KONG 1. LP LIMITED, SK Mobility Investments Company Limited, SK Siltron Japan, Inc, SK Resonac Corporation, SK materials JNC Co., Ltd., SK Japan Investment Inc., Gemini Partners Pte. Ltd., SK SOUTH EAST ASIA INVESTMENT PTE. LTD., SK INVESTMENT VINA I PTE. LTD., SK INVESTMENT VINA II PTE. LTD., SK INVESTMENT VINA III PTE. LTD., Socar Mobility Malaysia, SDN. BHD., IMEXPHARM CORPORATION, PT Future Mobility Solutions, Future Mobility Solutions Sdn. Bhd., LINH NAM VENTURES JSC, LIEN KHUONG ITN'L JSC, DONG KINH CAPITAL JSC, LAC SON INVESTMENT JSC, CONG THANG ALPHA JSC, EASTERN VISION INVESTMENT JSC, TRUONG LUU CHI INVEST JSC, AN NAM PHU INVESTMENT JSC, ZION SON KIM JSC, SK INVESTMENT VINA IV PTE. LTD., SK MALAYSIA INVESTMENT I PTE. LTD., MSN INVESTMENT PTE. Ltd., SK Life Science, Inc., SK GI Management, SK MENA Investment B.V., SK Latin Americas Investment S.A., PLUTUS CAPITAL NY, INC., SK Pharmteco Inc., ABRASAX INVESTMENT INC., Wonderland NY, LLC, SK Siltron America, Inc, Atlas NY LLC, SK BIOTEK IRELAND LIMITED, Fine Chemicals Holdings Corp., AMPAC Fine Chemicals, LLC, AMPAC Fine Chemicals Texas, LLC,

Subsidiaries (total 694)

Related parties

AMPAC Fine Chemicals Virginia, LLC, SK SILTRON USA, INC., SK SILTRON CSS, LLC, SK Siltron CSS Korea Co., Ltd., EINSTEIN CAYMAN LIMITED, Tellus Investment Partners, Inc., I CUBE CAPITAL INC, Primero Protein LLC, Terra Investment Partners LLC, SK C&C USA, INC., Grove Energy Capital LLC, Creest Acquisition LLC, SK Life Science Labs, Inc., Grove Energy Capital II, LLC, Castanea Biosciences Inc., SK SIGNET AMERICA INC., SK SIGNET MANUFACTURING TEXAS LLC, SK innovation outpost Corporation, Freedom Circle Capital, INC, Montague ESG Capital, LLC, Hudson Energy NY, LLC, Hudson Energy NY II, LLC, Hudson Energy NY III LLC, YPOSKESI, SAS, Saturn Agriculture Investment Co., Limited, SK Forest Co., Ltd., SK materials airplus Incorporated., Energy Solution Holdings Inc., Ackerton Partners Co., Ltd., SK C&C Beijing Co., Ltd., SK C&C Chengdu Co., Ltd., SK C&C India Pvt. Ltd., SK S.E.ASIA pte. Ltd., ESSENCORE Limited, S&G Technology, Essencore (Shenzhed) Limited, Essencore Pte. Ltd., GigaX Europe kft., SK JNC Japan Co., Ltd., SK MATERIALS JAPAN, INC., SK materials Group14 Co., Ltd., Tillandsia, Inc., EVERTECH ENTERPRISE CO., LTD., Chamaedorea, Inc., Areca, Inc., 8Rivers Europe Ltd., 8Rivers Services, LLC, Broadwing Company C, LLC, Broadwing Holdings, LLC, Coyote Clean Power, LLC, Coyote Company C, LLC, Coyote Power Holdings, LLC, Crossbill Clean Energy Ltd., Meadowlark Company C, LLC, Meadowlark Energy , LLC, Meadowlark Energy HoldCo, LLC, Meadowlark Holdings, LLC, NPEH, LLC, ParkIntuit, LLC, Zero Degrees Crossbill Dev. Ltd., Zero Degrees International, Inc., Zero Degrees Rosella Pty. Ltd., Zero Degrees Whitetail 1, Ltd., Zero Degrees Whitetail Dev. Ltd., Zero Degrees, LLC, Cormorant Clean Energy, LLC, 8 Rivers Capital LLC, SK Auto Service Hong Kong Limited, SKY Property Management Ltd, SK Industrial Development China Co., Ltd., SK China Real Estate Co., Limited, Shanghai SKY Real Estate Development Co., Ltd, SK Technology Innovation Company, SK INVESTMENT VINA V PTE. Ltd., SK INVESTMENT VINA VI PTE. LTD, Digital Center Capital Inc., Martis Capital, LLC, KBA Investment Joint Stock Company, SUNRISE KIM INVESTMENT JOINT STOCK COMPANY, Grove Energy Capital IV, LLC, Energy Solution Group, Inc., Skyline Mobility, Inc, Atom Power, Inc., Terra Investment Partners II, LLC, Total Value 1 REIT Co., Ltd., SK Specialty Co., Ltd., SK Specialty Taiwan Co., Ltd., SK Specialty Jiangsu Co., Ltd., SK Specialty (Xian) Co., Ltd., SK Specialty Japan Co., Ltd., SK Networks Co., Ltd., SK Networks Service Co., Ltd., SK Rent-A-car Service Co., Ltd., SK Magic Co., Ltd., SK Magic Service Co., Ltd., MINTIT Co., Ltd., SK Rent-a-Car Co., Ltd., Cartini Co., Ltd., SK Networks (China) Holdings Co., Ltd., SK Networks (Shanghai) Co., Ltd., SK Networks (Dandong) Energy Co., Ltd., POSK(Pinghu) Steel Processing Center Co., Ltd., Shenyang SK Bus Terminal Co., Ltd., SK Networks Hong Kong Limited, SK Networks (Liaoning) Logistics Co., Ltd, SK Networks (Xiamen) Steel Processing Center Co., Ltd., SK Networks Japan Co., Ltd., SK Networks Trading Malaysia Sdn Bhd, SK MAGIC RETAILS MALAYSIA SDN. BHD, SK Magic Vietnam company limited, MINTIT VINA, SK Networks America Inc., Hico Capital LLC, SK Networks Deutschland GmbH, SK Networks Resources Pty Limited, Networks Tejarat Pars, SK BRASIL LTDA, SK Networks Resources Australia (Wyong) Pty Ltd., SK Telecom Co., Ltd., SK Telink Co., Ltd., SK Communications Co., Ltd., SK Broadband Co. Ltd., PS&Marketing Corp., Serviceace Co., Ltd., Service Top Co., Ltd., SK O&S Co., Ltd., SK telecom Japan Inc., SK Telecom China(Holding) Co., Ltd., SK Telecom Americas Inc., YTK Investment Ltd., Atlas Investment, Ltd., Quantum Innovation Private Equity Joint Venture, Sapeon Korea Inc., SAPEON Inc., SK stoa Co., Ltd., Happy Hanool Co., Ltd., FSK L&S(Jiangsu) Co., Ltd., SK Planet Japan, K. K., SK Telecom Innovation Fund, L.P., SK Telecom China Fund I L.P., Media S Co., Ltd., SK GLOBAL HEALTHCARE BUSINESS GROUP LTD., Home&Service Co., Ltd., Panasia Semiconductor Materials LLC, SK Square Co., Ltd., SK M&Service Co., Ltd., Global AI Platform Corporation, Global AI Platform Corporation Korea Co., Ltd, Eleven Street Co., Ltd., FSK L&S Co., Ltd., Incross Co., Ltd., Tmap Mobility Co., Ltd., SK Square Americas, Inc., Rock Media, One store Co., Ltd., SK Planet Co., Ltd., Dreamus Company Co., Ltd., SK Planet, Inc., SCODYS PTE. LTD, YLP Co., Ltd., Good Service Co., Ltd., Studio Dolphin Co., Ltd., SK Planet Global Holdings Pte. Ltd., Seoul Airbus Co., Ltd., ONESTORE GLOBAL PTE.LTD., Solution Co., Ltd., LOGISOFT.CO.LTD, Iriver Enterprise Ltd., TGC Square Pte. Ltd, Iriver CHINA CO., LTD., DongGuan Iriver Electronics Co., Ltd., id Quantique SA, LIFE DESIGN COMPANY INC., FSK L&S (Hungary) Co., Ltd, FSK L&S VIETNAM COMPANY LIMITED, Id Quantique SA, ID Quantique Limited, UK, ID Quantique Inc, Infracommunications Co., Ltd., Mindknock Co., Ltd., id Quantique Europe GmbH, USA.

Related parties

Subsidiaries (total 694) Alice und Bob Privatstiftung, FSK L&S USA, Inc., FSK L&S(Shanghai) Co., Ltd., 11Street China Co., Ltd., Center For Breakthrough Medicines Holdings, LLC.

(2) Details of significant financial transactions with the related parties for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		Se			
		Sales and oth	d others (*2)		
	Company name	Three-month N	ine-month	Three-month	
Subsidiary	SK Innovation Co., Ltd.	₩ 17,295 ₩	49,453	₩ 1,953	₩ 5,473
-	SK Energy Co., Ltd.	23,988	87,941	-	-
	SK Geo Centric Co., Ltd.	10,371	31,229	-	-
	SK Incheon Petrochem Co., Ltd.	6,461	18,724	-	-
	SK Enmove Co., Ltd.	3,382	9,932	-	-
	SK On Co., Ltd.	27,758	67,353	-	-
	SK On Hungary Kft.	10,863	72,347	-	-
	SK ON(YANCHENG) Co., Ltd.	42,443	95,992	-	-
	SK Mobile Energy Co., Ltd.	70	247	17	66
	SK USA, Inc.	8	25	722	2,946
	SK Ecoplant Co., Ltd.	8,679	34,613	-	-
	SKC Co., Ltd.	1,257	21,841	-	-
	SK E&S Co., Ltd.	8,605	501,084	-	-
	SK Telecom Co., Ltd.	164,840	466,776	3,175	9,440
	SK Broadband Co., Ltd.	23,547	76,449	1,967	6,061
	SK Planet Co., Ltd.	3,188	10,011	123	123
	SK Square Co., Ltd.	1,413	3,742	-	-
	SK Networks Co., Ltd.	6,582	31,344	591	4,162
	SK Magic Co., Ltd.	3,004	10,660	62	183
	SK Specialty Co., Ltd.	1,495	154,994	245	611
	SK Tri Chem Co., Ltd.	158	45,994	24	71
	SK Siltron Co., Ltd.	6,753	20,038	-	-
	SK Pinx Co., Ltd.	62	168	131	3,847
	SK REIT Co., Ltd.	5,603	16,802	11,642	31,681
	SK Materials airplus Inc.	412	303,082	-	-
	SK Pharmteco Inc.	117	348	-	-
	SK Shieldus Co., Ltd.	2,861	9,378	4,703	13,465
	SK C&C Beijing Co., Ltd.	387	5,868	2,178	6,978
	SK C&C USA, Inc.	17,409	86,855	-	6
	Others	41,580	129,648	1,671	5,635
Other	SK hynix Inc.	75,998	250,754	3,925	11,311
related	THIRA-UTECH Co., Ltd.	-	-	518	2,399
parties	SMCore Inc.	32	491	22,320	50,557
	CLOOCUS Co., Ltd.	-	-	10,451	15,820
	Others	2,838	10,687	1,395	4,369
Others (*3)	SK Gas Co., Ltd.	6,456	13,938	-	-
	SK Chemicals Co., Ltd.	1,672	4,490	-	-
	Others	6,819	40,031	376	982
		₩ 534,406 ₩	2,683,329	₩ 68,189	₩ 176,186

(*1) Consists of dividends income received from subsidiaries and others, trademark usage income, rental income and others.

(*2) Consists of rental expenses, outsourcing costs and others.

(*3) Although not designated as related parties as defined in paragraph 9 of K-IFRS No. 1024, the entity is designated as related parties based on the resolution made by the Securities and Futures Commission that conglomerate affiliates designated by the Fair Trade Commission are related parties based on the substance of relation as regulated by paragraph 10 of K-IFRS No. 1024.

		September 30, 2022					
		Sales and others (*1) Purchase and others (*1)					
	Company name	Thre	ee-month N	line-month	Three-month N	line-month	
Subsidiary	SK Innovation Co., Ltd.	₩	27,085 ₩	65,383	₩ 2,760 ₩	7,281	
	SK Energy Co., Ltd.		21,767	66,456	-	-	
	SK Geo Centric Co., Ltd.		8,105	27,175	-	-	
	SK Incheon Petrochem Co., Ltd.		4,590	14,214	-	-	
	SK Enmove Co., Ltd.		3,079	8,932	-	-	
	SK Telecom Co., Ltd.		154,905	479,076	3,540	9,233	
	SK Broadband Co., Ltd.		23,901	74,745	2,122	6,193	
	SK Shieldus Co., Ltd.		3,912	13,929	4,596	13,195	
	SK Planet Co., Ltd.		3,794	11,186	351	351	
	SK Networks Co., Ltd.		9,065	36,765	2,220	42,113	
	SK Magic Co., Ltd.		8,924	20,253	55	147	
	SKC Co., Ltd.		3,068	23,594	-	-	
	SK E&S Co., Ltd.		5,405	279,606	-	-	
	SK Ecoplant Co., Ltd.		8,060	32,200	-	39	
	SK Specialty Co., Ltd.		1,877	6,863	95	244	
	SK Tri Chem Co., Ltd.		211	72,056	-	-	
	SK Siltron Co., Ltd.		7,641	20,749	-	-	
	SK S.E.Asia Pte. Ltd.		-	75,270	-	-	
	SK C&C Beijing Co., Ltd.		656	4,210	2,503	6,691	
	SK Pinx Co., Ltd.		67	1,877	98	4,038	
	SK REIT Co., Ltd.		5,487	16,482	10,973	30,600	
	Others		78,652	211,160	1,966	9,407	
Other	SK hynix Inc.		124,515	344,485	3,732	10,986	
related	THiRA-UTECH Co., Ltd		-	-	1,597	5,693	
parties	SMCore Inc.		30	384	11,993	11,993	
	Others		5,993	17,756	2,449	5,651	
Others (*3)	SK Gas Co., Ltd.		3,576	12,038	-	-	
	SK Chemicals Co., Ltd.		1,254	4,766	-	-	
	Others		6,776	10,898	117	351	
		₩	<u>522,395</u> ₩	1,952,508	<u>₩ 51,167</u> <u>₩</u>	164,206	

(*1) Consists of dividends income received from subsidiaries and others, trademark usage income, rental income and others.

(*2) Consists of rental expenses, outsourcing costs and others.

(*3) Although not designated as related parties as defined in paragraph 9 of K-IFRS No. 1024, the entity is designated as related parties based on the resolution made by the Securities and Futures Commission that conglomerate affiliates designated by the Fair Trade Commission are related parties based on the substance of relation as regulated by paragraph 10 of K-IFRS No. 1024.

(3) Details of outstanding balances of receivables and payables with the related parties as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		September 30, 2023						
			Receivables	-		Payables		
		Trade	Other		Trade	Other		
	Company name		receivables	Total		payables	Total	
Subsidiaries	SK Innovation Co., Ltd.	₩ 16,444	₩ 270,881	₩ 287,325	₩ 1	₩ 28,759	₩ 28,760	
	SK Energy Co., Ltd.	8,435	-	8,435	-	5	5	
	SK Geo Centric Co., Ltd.	7,162	-	7,162	-	1	1	
	SK Incheon Petrochem Co., Ltd.	1,679	-	1,679	-	91	91	
	SK Enmove Co., Ltd.	1,023	-	1,023	-	101	101	
	SK On Co., Ltd.	19,309	-	19,309	-	9,108	9,108	
	SK Mobile Energy Co., Ltd.	10	-	10	11	8	19	
	SK On Hungary Kft.	58,097	-	58,097	-	1,775	1,775	
	SK ON(YANCHENG) Co., Ltd.	90,572	-	90,572	-	56,862	56,862	
	SK USA, Inc.	-	-	-	-	757	757	
	Plutus Capital NY, Inc.	-	528,318	528,318	-	-	-	
	SK Ecoplant Co., Ltd.	5,889	-	5,889	-	268	268	
	SKC Co., Ltd.	3,776	-	3,776	-	3	3	
	SK E&S Co., Ltd.	3,209	160	3,369	-	-	-	
	SK Pinx Co., Ltd.	31	564	595	-	112	112	
	SK REIT Co., Ltd.	-	39,343	39,343	-	299,701	299,701	
	SK Shieldus Co.,Ltd	20,642	-	20,642	1,197	2,969	4,166	
	SK C&C Beijing Co., Ltd.	311	-	011	-	588	588	
	SK C&C USA, Inc.	20,706	-	20,706	-	59,955	59,955	
	SK Networks Co., Ltd.	3,831	-	3,831	-	96	96	
	SK Magic Co., Ltd.	2,857	-	2,857	-	1,029	1,029	
	SK Telecom Co., Ltd.	70,567	179	70,746	233		2,442	
	SK Broadband Co., Ltd.	25,409	-	25,409	573	259	832	
	SK Planet Co., Ltd.	1,873	-	1,873	-	21	21	
	SK Square Co., Ltd.	1,172	-	1,172	-	38	38	
	SK Specialty Co., Ltd.	669	4,142		-	3,339	3,339	
	SK Materials airplus Inc.	353	1,334		-	245	245	
	SK Pharmteco Inc.	-	134,890		-	-	-	
	SK Tri Chem Co., Ltd.	194	-	194	-	231	231	
	SK Siltron Co., Ltd.	4,822	-	4,822	-	158	158	
	Others	45,364	833		254	13,472	13,726	
Other related	SK hynix Inc.	138,966	8,783	147,749	-	26,146	26,146	
parties	THIRA-UTECH Co., Ltd.	-	-	-	219	-	219	
	SMCore Inc.	118	-	118	-	-	-	
	CLOOCUS Co., Ltd.	-	-	-	3,642	-	3,642	
	Others	3,244	1	-,	25	743	768	
Others (*1)	SK Gas Co., Ltd.	2,434	-	2,434	-	436	436	
	SK Chemicals Co., Ltd.	2,015	-	2,015	-	4	4	
	Others	7,041		7,041	44	1,335	1,379	
		₩ 568,224	₩ 989,428	<u>₩1,557,652</u>	₩ 6,199	<u>₩ 510,824</u>	<u>₩517,023</u>	

(*1) Although, not designated as related parties as defined in paragraph 9 of K-IFRS No. 1024, the entity is designated as related parties based on the resolution made by the Securities and Futures Commission that conglomerate affiliates designated by the Fair Trade Commission are related parties based on the substance of relation as regulated by paragraph 10 of K-IFRS No. 1024.

		December 31, 2022											
					ivables						/ables		
		-	Trade		Other			Tra	de	Ċ	Other		
	Companies name		eivables					payab			yables		Total
Subsidiaries	SK Innovation Co., Ltd.	₩	12,496	₩	286,260	₩	298,756	₩	-	₩	30,220	₩	30,220
	SK Energy Co., Ltd.		9,662		-		9,662		-		285		285
	SK Geo Centric Co., Ltd.		7,862		-		7,862		-		28		28
	SK Incheon Petrochem Co., Ltd.		2,107		-		2,107		-		49		49
	SK Enmove Co., Ltd.		1,103		-		1,103		-		437		437
	SK On Co., Ltd.		21,519		-		21,519		-		6,526		6,526
	SK Mobile Energy Co., Ltd		10		-		10		7	,	-		7
	SK On Hungary Kft.		12,647		-		12,647		-		11,033		11,033
	SK USA, Inc.		14		-		14		-		837		837
	Plutus Capital NY, Inc.		-		492,346		492,346		-		-		-
	SK Ecoplant Co., Ltd.		6,151		1,305		7,456		-		3		3
	SKC Co., Ltd.		4,129		-		4,129		-		106		106
	SK E&S Co., Ltd.		3,572		-		3,572		-		457		457
	SK Pinx Co., Ltd.		30		-		30		-		15		15
	SK REIT Co., Ltd.		-		26,130		26,130		-	:	323,638		323,638
	SK Shieldus Co., Ltd		19,499		-		19,499	1,	,077		1,194		2,271
	SK C&C Beijing Co., Ltd.		322		-		322		732		254		986
	SK C&C USA, Inc.		9,243		-		9,243		-		1,722		1,722
	SK Networks Co., Ltd.		4,551		-		4,551		-		1,237		1,237
	SK Magic Co., Ltd.		34,285		-		34,285		-		8,675		8,675
	SK Telecom Co., Ltd.		79,585		382		79,967		262		16,378		16,640
	SK Broadband Co., Ltd.		30,096		-		30,096		1		1,916		1,917
	SK Planet Co., Ltd.		2,420		-		2,420		135		42		177
	SK Square Co., Ltd.		404		-		404		-		2		2
	SK Specialty Co., Ltd.		2,202		72		2,274		-		2,005		2,005
	SK Materials airplus Inc.		2,118		-		2,118		-		935		935
	SK Tri Chem Co., Ltd.		302		-		302		-		245		245
	SK Siltron Co., Ltd.		9,685		-		9,685		-		72		72
	Others		99,850		296		100,146		647		48,069		48,716
Other related	SK hynix Inc.		185,218		8,783		194,001		-		51,786		51,786
parties	THIRA-UTECH Co., Ltd.		-		-		-		336		-		336
	SMCore Inc.		179		-		179	Ę	5,439		1		5,440
	Others		7,841		-		7,841		114		1,431		1,545
Others (*1)	SK Gas Co., Ltd.		1,305		-		1,305		-		79		79
	SK Chemicals Co., Ltd.		2,489		-		2,489		-		49		49
	Others		3,576		-		3,576		-		1,329	_	1,329
		₩	576,472	₩	815,574	₩1	,392,046	₩ 8	8 <u>,750</u>	₩	511,055	₩	<u>519,805</u>

^(*1) Although, not designated as related parties as defined in paragraph 9 of K-IFRS No. 1024, the entity is designated as related parties based on the resolution made by the Securities and Futures Commission that conglomerate affiliates designated by the Fair Trade Commission are related parties based on the substance of relation as regulated by paragraph 10 of K-IFRS No. 1024.

(4) Detail of compensation for key management personnel of the Company for the three-month periods and nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

		Septemb	er 30, 2	023	September 30, 2022			
	Three-I	Three-month Nine-month T		Three-month		Nine-month		
Salaries	₩	5,067	₩	13,907	₩	2,348	₩	12,778
Provision for pension benefits		1,071		3,307		741		9,182
Share compensation expense		(938)		<u>(8,315)</u>		(10,192)		<u>(7,303)</u>
	₩	5,200	₩	8,899	₩	(7,103)	₩	14,657

Key management consists of registered executives who are responsible for the planning, operation and control of the Company's business activities.

(5) Details of significant transactions with related parties in relation to the for the nine-month period ended September 30, 2023 are as follows (Korean won in millions, USD in thousands):

	Currency	Amount	Transactions
SK Innovation Co., Ltd.	KRW	393,942	Share capital increase
Auxo Capital Inc.	USD	3,500	Share capital increase
Plutus Capital NY, Inc.	USD	50,380	Share capital increase
Energy Solution Group, Inc.	USD	19,500	Share capital increase
Tillandsia, Inc.	USD	50,000	Share capital increase
Castanea Bioscience Inc.	USD	17,400	Share capital decrease
SK Life Science Labs, Inc.			
(formerly, Proteovant Sciences, Inc.)	USD	6,000	Share capital decrease
I Cube Capital Inc.	USD	200	Share capital increase
Ackerton Partners Co., Ltd.	KRW	1,300	Share capital increase

(6) Details of significant financial transactions with related parties for the nine-month period ended September 30, 2023 and 2022 are as follows (USD in thousands):

		Septemb	er 30, 2023	Septerr	nber 30, 2022
Companies name	Currency	Loans	Withdraws	Loans	Withdraws
Socar Mobility Malaysia, Sdn. Bhd.	USD	20,000	-	-	-
SK Pharmteco Inc.	USD	100,000	-	-	-

(7) Guarantees provided to related parties are described in Note 29.

27. Assets held for sales

Details of assets held for sale as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		Sept	tember 30, 2023	Dec	ember 31, 2022
Investment securities	ESR Cayman Limited (*1)	₩	185,389	₩	260,970
Investment in associates	SOCAR Inc. (*2)		71,175		-
		₩	256,564	₩	260.970

- (*1) As the Company decided to sell all of its shares in ESR Cayman Limited, the Company classified the shares as assets held for sales and measured them at the lower of their carrying amounts and fair value less costs to sell. As of September 30, 2023, the carrying amounts include the valuation loss of W75,581 million for ESR Cayman Limited.
- (*2) As the Company decided to sell all of its shares in SOCAR Inc, the Company classified the shares as assets held for sales and measured them at the lower of their carrying amounts and fair value less costs to sell. As of September 30, 2023, the carrying amounts include the valuation loss of ₩38,130 million for SOCAR Inc.

28. Cash flow information

(1) Details of non-cash adjustments for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	For the nine-mor	nth period ended
	September 30, 2023	September 30, 2022
Provision for pension benefits	₩ 28,960	₩ 38,105
Depreciation	74,768	70,286
Amortization	23,821	27,404
Bad debt expenses (reversal)	(1,500)	(2,450)
Provisions transferred in	4,060	2,507
Interest expenses	301,615	188,540
Loss on foreign currency translation	23,564	100,623
Loss on valuation of financial assets	111,884	313,455
measured at FVTPL		
Loss on valuation of derivative instruments	87,089	102,820
Loss on disposal of investments in subsidiaries,	769	-
associates and joint ventures		
Loss on impairment of investments in subsidiaries,	253,176	-
associates and joint ventures		
Loss on disposal of property, plant and equipment	2	1
Loss on disposal of intangible assets	63	35
Loss on impairment of intangible assets	21,686	-
Share-based payment expenses (reversal)	(8,315)	(7,303)
Income tax benefit	(27,224)	1,669
Dividends income	(1,340,672)	(706,946)
Interest income	(23,580)	(18,942)
Gain on foreign currency translation	(33,751)	(98,201)
Gain on valuation of financial assets	(12,053)	(11,173)
measured at FVTPL		
Gain on valuation of financial assets measured at derivative instruments	(88,928)	(97,577)
Gain on disposal of investments in subsidiaries,	-	(391,805)
Associates and joint ventures		
Gain on disposal of property, plant and equipment	(217)	(1)
Gain on disposal of intangible assets	(16)	(118)
Others	67	1,227
	₩ (604,732)	₩ (487,844)

28. Cash flow information (cont'd)

(2) Details of working capital adjustments for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	For the nine-month period ended				
	Septer	mber 30, 2023	September 30, 2022		
Trade receivables	₩	63,791	₩ (4,823)		
Other receivables		(5,965)	5,391		
Inventories		(58)	(6)		
Accrued revenue		-	176		
Advanced payments		(46,911)	3,137		
Lease receivables		27,436	27,306		
Prepaid expenses		(49,153)	(33,459)		
Trade payables		(38,619)	9,433		
Advances received		91,665	29,808		
Withholdings		(10,382)	(16,016)		
Other payables		(57,055)	(44,007)		
Accrued expenses		60,602	(16,214)		
Leasehold deposits received		359	22		
Provision		(3,147)	(2,571)		
Defined benefit obligation		(18,919)	(12,182)		
Plan assets		18,376	15,174		
Others		67,162	(721)		
	₩	99,182	₩ (39,552)		

(3) Details of significant non-cash transactions for the nine-month periods ended September 30, 2023 and 2022 are as follows (Korean won in millions):

	F	For the nine-month period ended				
	<u>Septen</u>	nber 30, 2023	September 30, 2022			
Transfer of long-term bonds to current-portion Transfer of loans to non-current portion Transfer of investment in associates to	₩	1,154,203 (105)	₩ 1,114,370 460,830			
investment securities		-	460,321			
Transfer of investment in associates to investment in subsidiary		-	26,977			
Transfer to investment in associates due to exercise of convertible bonds		-	46,496			
Decrease in other payables regarding the acquisition of property, plant and equipment		6,168	(2,183)			

29. Commitments and contingencies

(1) Guarantees provided by others for the Company's obligations and indebtedness as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Currency	September 30, 2023	December 31, 2022
Seoul Guarantee Insurance	KRW	13,147	23,553
Korea Software Financial Cooperative	KRW	557,476	529,372

(2) Pending litigation

There are no major pending litigations as of September 30, 2023.

- (3) Significant commitments
- SK Innovation Co., Ltd., SK Energy Co., Ltd., SK Geo Centric Co., Ltd., SK Enmove Co., Ltd., SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd., SK ie technology Co., Ltd., SK On Co., Ltd. and SK Earth On Co., Ltd. are collectively responsible for any obligations arising before the spin-off on July 1, 2007. The Company and SK Biopharmaceuticals Co., Ltd. are collectively responsible for any obligations that occurred before the spin-off on April 1, 2011. The former SK Materials Co., Ltd. is jointly responsible for any obligations before the division, with SK Specialty Co., Ltd., which was physically divided as of December 1, 2021.
- 2) The Company entered into a contract to lease the headquarter building from SK REIT Co., Ltd. Under the terms of the lease, the lease period is until July 5, 2026, and the Company has an option to extend the lease term for 5 years before the termination of contract. The Company has the preemptive right to purchase the building at the fair value when the lessor elects to dispose the property.
- 3) The Company holds IT outsourcing and IT system maintenance agreements to provide hardware and information systems maintenance, and development service entered into between the Company and the affiliates of SK Group companies and others.
- 4) The Company entered into a contract with Gyeonggi province on May 31, 2011 to purchase land located in Pangyo Land Development District. The total agreement amount is ₩82,964 million (the Company's portion: ₩45,536 million (54.9%)). On the other hand, the building was completed and registered to preserve ownership in August, 2014, and the transfer of destination land and buildings to third parties is limited for 10 years from the time of registration of preservation of ownership.

29. Commitments and contingencies (cont'd)

5) The Company has total return swap contracts in regards to SK Shipping Co., Ltd.'s issuance of ordinary shares and sale of existing shares, and details are as follows:

Description	Subscription of new shares	Sale of existing shares					
Investor	Special Situation 1 st Fund and others	Corporate Turnaround 1 st Fund					
Number of shares	6,548,672	4,808,259					
Contract date	March 30, 2022	March 30, 2022					
Expiry date	April 13, 2027	May 11, 2027					
Settlement	The Company and the investors settle the amount that deducts the issue p from the net selling price in cash. If the amount is positive, the investor s pay to the Company, and if the amount is negative, the Company shall pa the investor. In case where the sale is not complete, the selling price of shares is considered to be "0".						
Premium		brs the amount equivalent to 3.899% of y 3-months. When the investor receives ount shall be paid to the Company.					
Call option		the investment and the expiration date, ase of the contract amount of ordinary tain level of additional charges.					

6) The Company entered into total return swap contracts with ordinary share investors of SK Siltron Co., Ltd., one of the subsidiaries, and details are as follows:

Description	Total return swap contracts
Investor	Warmachine Sixth Co., Ltd. and others
Number of shares	13,140,440
Contract date	August 16, 2022
Expiry date	August 30, 2027
Settlement	The Company and the investors settle the amount that deducts the issue price from the net selling price in cash. If the amount is positive, the investor shall pay to the Company, and if the amount is negative, the Company shall pay to the investor. In case where the sale is not complete, the selling price of the shares is considered to be "0".
Premium	The Company shall pay 0.5% of the initial contract amount within 5 operating days from the effective date of contract and shall pay to the investors the amount equivalent to 4.948% of the total shares held by investors on a three-month basis. When the investor receives dividends on the shares held, the amount shall be paid to the Company.
Call option	On a three-month basis from the effective date of contract ("the quarterly payment day"), the Company has the right to purchase the shares held by the investors at the initial contract price of the ordinary shares with certain level of additional charges.

29. Commitments and contingencies (cont'd)

7) The Company entered into total return swap contracts with ordinary share investors of SK E&S Co., Ltd., one of the subsidiaries, and The details are as follows:

Description	Total return swap contracts
Investor	MD Prime 1st Co., Ltd. and others
Number of shares	4,640,199
Contract date	November 04, 2022
Expiry date	November 16, 2027
Settlement	The Company and the investors settle the amount that deducts the issue price from the net selling price in cash. If the amount is positive, the investor shall pay to the Company, and if the amount is negative, the Company shall pay to the investor. In case where the sale is not complete, the selling price of the shares is considered to be "0".
Premium	At the date when three months passed after the last premium payment date or the effective date ("premium payment date") during the period from the effective date to the expiration date of this Agreement, the Company shall pay the remaining contract amount of the remaining shares multiplied by the TRS Premium (rate of return on final asking price of 91-day Transferable Certificate of Deposit (CD) plus 1.80% of annual rate). On the other hand, if an investor receives dividends or other receivables from holding the target stock, the relevant amount must be paid to the Company.
Call option	On each premium payment date (every three months from the effective date of this contract), the Company may claim all remaining underlying assets (ordinary shares that SK E&S issued and an investor purchased from the Company) to the remaining contract amount of the underlying assets plus the call option exercise fee, securities exchange tax, and special tax for rural development.

- 8) LNG Americas, Inc., one of the subsidiaries, is scheduled to be provided with liquefaction service for 20 years from FLNG Liquefaction 3, LLC, which plans to operate natural gas liquefaction plants in Texas starting from 2019. As of September 30, 2023, SK E&S Co., Ltd., one of the subsidiaries, is responsible for performance guarantee in case of LNG Americas, Inc.'s inability to make payments for service or for claims against breach of obligation. In regard to this, the Company provides performance guarantee for SK E&S Co., Ltd.'s guarantee.
- 9) The Company entered into a cash deficiency support agreement with Hudson Energy NY, LLC, a subsidiary of Plutus Capital NY, Inc., to lend funds for the shortfall of payment for loans and credit limit of USD 226,000 thousand.
- 10) The Company entered into a cash deficiency support agreement with Abrasax Investment Inc., a subsidiary of SK Pharmteco Inc., which is a subsidiary of the Company, to lend funds for the shortfall of payment for loans and credit of up to USD 315,000 thousand.
- 11) The Company signed a contract with Showa Denko K.K. in relation to the investment in subsidiary SK Resonac Co., Ltd., and Showa Denko K.K. has the right to sell 630,000 shares (15%) of SK Resonac Co., Ltd. at ₩5,000 per share in the event of a specific case of this agreement.
- 12) The Company signed a contract with certain shareholders of SK Signet Inc., a subsidiary, in which the shareholders can sell their shares to the Company at ₩50,000 per share when certain conditions are met.

(4) The Company has provided 7 blank checks and 10 blank notes as collateral in relation to sales and other transactions as of September 30, 2023.

30. Financial risk management

The principal financial liabilities of the Company comprise borrowings, bonds, trade and other payables. The main purpose of these financial liabilities is to finance the operations of the Company. Further, the Company has various financial assets, including trade and other receivables that are directly related to its operations.

The Company's financial assets and liabilities are exposed to mainly market risk, credit risk and liquidity risk. The Company's key management is responsible for the Company's financial risk-taking activities, and that such activities are governed by appropriate policies and procedures.

30.1 Market risk

Market risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risks comprise three types of risk: interest rate, foreign currency and other price.

30.1.1 Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Company manages its interest rate risk by having a balanced portfolio of fixed and variable rate loans and borrowings, the Company's risk hedging activities are evaluated periodically in order to consider the status of interest rates and degree of risk aversion and fulfill optimal risk hedging strategies. The Company does not believe the fluctuation in market interest rate other than those mentioned above has a material impact on its financial statements.

30.1.2 Foreign currency risk

Foreign currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The exposure to the risk of changes in foreign exchange rates relates primarily to selling and purchasing. The Company manages its foreign currency risk periodically.

Significant monetary assets and liabilities denominated in foreign currencies as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions, and USD, EUR and Others in thousands):

		Septembe	, 2023	December 31, 2022				
		Foreign	K	orea won	Foreign	Kc	orea won	
	Currency	currencies	e	quivalent	currencies	ec	uivalent	
Assets	USD	533,498	₩	717,448	425,050	₩	538,666	
	EUR	559		795	2,139		2,891	
	Others			73,694			46,857	
			₩	791,937		₩	588,414	
Liabilities	USD	200,182	₩	269,205	451,263	₩	571,886	
	EUR	1		1	3		3	
	Others			727			893	
			₩	269,933		₩	572,782	

Should the exchange rate of the aforementioned currencies fluctuate by 10%, the effects on income before income tax expense would be as follows (Korean won in millions):

	September 30, 2023			December 31, 2022				
	Inc	crease by	Decrease by		Increase by		Decrease by	
	10%		10%		10%		10%	
Increase (decrease) in income before tax expense	₩	52,200	₩	(52,200)	₩	1,563	₩	(1,563)

30. Financial risk management (cont'd)

30.1.3 Other price risk

Other price risk is the risk that the fair value or future cash flows of financial instruments will fluctuate because of changes in market prices other than from interest rate risk and foreign currency risk. The Company has not determined that the effect of changes in other price would have materially affected the Company.

30.2 Credit risk

Credit risk is the risk of financial loss to the Company if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Company's receivables from customers and investment securities.

The carrying amount of financial assets represents the maximum credit exposure. Details of the maximum exposure to credit risk as of September 30, 2023 and December 31, 2022 are as follows and for cash and cash equivalents and forward contract, credit risk exposure is low (Korean won in millions):

	September 30, 2023	December 31, 2022
Short-term and long-term financial instruments	₩ 101,023	₩ 137,416
Trade receivables	343,985	527,250
Shor-term and long-term receivables	8,129	1,391
Accrued income	7,180	244
Short-term and long-term investment securities	206,813	201,838
Short-term and long-term guarantee deposits	52,096	53,069
Short-term and long-term lease receivables	275,489	286,958
Short-term and long-term loans	684,082	492,695
Financial derivatives asset	291,469	218,211
	₩ 1,970,266	₩ 1,919,072

30.2.1 Trade and other receivables

The Company only carry out transactions with the counterparty with sound credit status after conducting credit verification procedures on the counterparty who wishes to make a credit transaction. In addition, the Company consistently manages the balances of trade receivables and other receivables, such as consistently re-evaluating creditworthiness to ensure that our exposure to bad debt risk remains insignificant.

Maximum exposure to credit risk at the reporting date is the book value of each class of financial assets. The Company applies a simple method that recognizes lifetime expected credit losses as a provision for losses on account receivables and other receivables. To measure expected credit losses, trade receivables and contract assets were separated by credit risk characteristics and past due dates.

30.2.2 Other financial assets

Credit risk arising from other financial assets consists of long-term and short-term financial instruments, occurrence of trade opponent arising from the bankruptcy, etc. In this case, the credit risk exposure of the Company will be the same as the book value of the maximum applicable financial instruments. On the other hand, the management of the Company's credit rating, because it is excellent to deal with financial institutions, is judged to have limited impact on the credit risk of the financial institutions of the Company.

30. Financial risk management (cont'd)

30.3 Liquidity risk

Liquidity risk refers to the risk that the Company may default on the contractual obligations that become due. The Company manages its risk to a shortage of funds using a recurring liquidity planning tool.

The contractual maturity of financial liabilities as of September 30, 2023 is as follows. Amounts include interests paid and presented at gross amounts (Korean won in millions):

	Book	value		ontractual cash flow		Less than 3 months	3-1	2 months	1.	-5 years		ore than years
Short-term and long- term borrowings	₩ 3,8	838,057	₩	4,138,409	₩	2,619,268	₩	1,008,663	₩	510,478	₩	-
Bonds	7,	184,127		7,920,871		153,365		1,305,561		4,862,545		1,599,400
Financial derivatives liabilities	4	410,468		410,468		615		37,046		372,807		-
Trade accounts payables		85,573		85,573		85,573		-		-		-
Lease liabilities		385,012		419,129		21,211		60,602		210,593		126,723
Other liabilities		141,409		159,154		134,393		723		24,038		-
	₩ 12,0	044,646	₩	13,133,604	₩	3,014,425	₩	2,412,595	₩	5,980,461	₩	1,726,123

30.4 Capital management

The fundamental goal of capital risk management is to maintain a solid financial structure. In addition, as the Company is a holding Company, the Company should maintain a debt ratio of less than 200% under Article 8 of the *Monopoly Regulations and Fair Trade Law*. The debt ratio is calculated as total liabilities divided by total equity.

The Company maintains a debt ratio of 77.27% as of September 30, 2023. The maturity of the debt is dispersed in the long-term and the borrowings mainly consist of long-term bonds, which do not present significant risks for unexpected payment for debts.

The Company's debt ratio as of September 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	<u>Septer</u>	December 31, 2022		
Total liabilities	\mathbf{W}	12,711,898	₩	12,563,449
Total equity		16,450,421		15,887,799
Debt ratio		77.27%		79.08%